

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\  
 Data File : BM020519.D  
 Acq On : 23 May 2019 17:08  
 Operator : JU/SJ  
 Sample : K2966-04MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FESB-16(2.4-2.9)MS

Manual Integrations  
 APPROVED

Sohil  
 5/24/2019 5:01:37 PM

Quant Time: May 24 03:08:34 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 23 13:59:00 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 56806    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.46 | 136  | 194088   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.33 | 164  | 118661   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.09 | 188  | 293096   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.28 | 240  | 310297   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.53 | 264  | 350826   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.25  | 112 | 404885  | 116.51 | ng | 0.00 |
| 7) Phenol-d6             | 6.85  | 99  | 542579  | 114.28 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.84  | 82  | 352831  | 71.77  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.83 | 330 | 243644  | 132.28 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.94 | 172 | 686433  | 71.17  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.72 | 244 | 1231418 | 69.22  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.18  | 88  | 52273  | 30.669 | ng | # 82   |
| 3) Pyridine                    | 3.58  | 79  | 107690 | 24.704 | ng | 89     |
| 4) n-Nitrosodimethylamine      | 3.50  | 42  | 39537  | 28.284 | ng | # 39   |
| 6) Aniline                     | 7.01  | 93  | 103696 | 17.351 | ng | 95     |
| 8) 2-Chlorophenol              | 7.23  | 128 | 139282 | 36.808 | ng | 95     |
| 9) Benzaldehyde                | 6.83  | 77  | 99187  | 27.603 | ng | 91     |
| 10) Phenol                     | 6.87  | 94  | 197380 | 38.619 | ng | 87     |
| 11) bis(2-Chloroethyl)ether    | 7.10  | 93  | 134945 | 36.326 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.55  | 146 | 152586 | 34.658 | ng | 94     |
| 13) 1,4-Dichlorobenzene        | 7.70  | 146 | 158618 | 35.664 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.02  | 146 | 150491 | 35.516 | ng | 98     |
| 15) Benzyl Alcohol             | 7.92  | 79  | 132442 | 28.930 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.20  | 45  | 87476  | 28.399 | ng | 92     |
| 17) 2-Methylphenol             | 8.12  | 107 | 116451 | 35.394 | ng | 94     |
| 18) Hexachloroethane           | 8.73  | 117 | 59453  | 32.059 | ng | 90     |
| 19) n-Nitroso-di-n-propylamine | 8.48  | 70  | 120035 | 29.552 | ng | # 94   |
| 20) 3+4-Methylphenols          | 8.45  | 107 | 152242 | 34.816 | ng | 94     |
| 22) Acetophenone               | 8.50  | 105 | 210267 | 39.640 | ng | # 94   |
| 24) Nitrobenzene               | 8.89  | 77  | 185153 | 36.325 | ng | 95     |
| 25) Isophorone                 | 9.40  | 82  | 308400 | 36.378 | ng | 99     |
| 26) 2-Nitrophenol              | 9.59  | 139 | 66135  | 42.977 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 9.65  | 122 | 110221 | 43.023 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 9.89  | 93  | 167907 | 36.365 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.12 | 162 | 133754 | 41.403 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.32 | 180 | 161789 | 40.702 | ng | 96     |
| 31) Naphthalene                | 10.51 | 128 | 382642 | 37.991 | ng | 99     |
| 32) Benzoic acid               | 9.78  | 122 | 57565m | 33.842 | ng |        |
| 33) 4-Chloroaniline            | 10.65 | 127 | 40814  | 9.845  | ng | 94     |
| 34) Hexachlorobutadiene        | 10.77 | 225 | 111952 | 39.813 | ng | 98     |
| 35) Caprolactam                | 11.45 | 113 | 30528  | 31.604 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 11.77 | 107 | 133897 | 35.270 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.13 | 142 | 274992 | 37.451 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.35 | 142 | 261833 | 36.466 | ng | 97     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 200306 | 43.146 | ng | # 97   |

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 FESB-16(2.4-2.9)MS

Manual Integrations  
 APPROVED

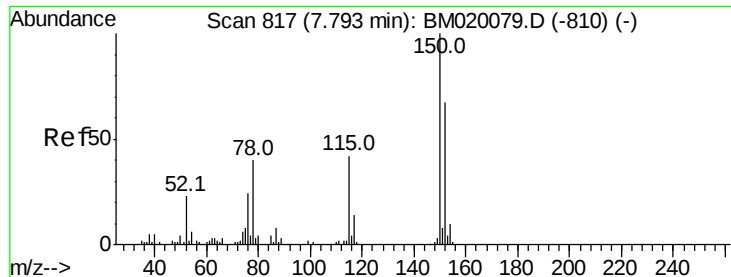
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 5/24/2019 5:01:37 PM

Quant Time: May 24 03:08:34 2019  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.46 | 237  | 168013   | 61.464 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.75 | 196  | 120190   | 45.553 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 12.83 | 196  | 127812   | 43.363 | nq    | 94       |
| 46) 1,1'-Biphenyl              | 13.16 | 154  | 369101   | 37.791 | nq    | 97       |
| 47) 2-Chloronaphthalene        | 13.20 | 162  | 300251   | 38.503 | nq    | 96       |
| 48) 2-Nitroaniline             | 13.43 | 65   | 81071    | 29.202 | nq    | 95       |
| 49) Acenaphthylene             | 14.05 | 152  | 449893   | 36.049 | nq    | 100      |
| 50) Dimethylphthalate          | 13.79 | 163  | 482858   | 47.878 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 13.93 | 165  | 78326    | 36.874 | nq    | 90       |
| 52) Acenaphthene               | 14.39 | 154  | 262594   | 36.692 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.26 | 138  | 30437    | 15.439 | nq    | 94       |
| 54) 2,4-Dinitrophenol          | 14.48 | 184  | 79364    | 75.164 | nq    | 87       |
| 55) Dibenzofuran               | 14.73 | 168  | 459765   | 38.086 | nq    | 97       |
| 56) 4-Nitrophenol              | 14.57 | 139  | 110941   | 65.954 | nq    | 89       |
| 57) 2,4-Dinitrotoluene         | 14.72 | 165  | 111142   | 38.506 | nq    | 98       |
| 58) Fluorene                   | 15.39 | 166  | 362891   | 36.603 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.96 | 232  | 124500   | 44.448 | nq    | # 92     |
| 60) Diethylphthalate           | 15.16 | 149  | 353919   | 34.832 | nq    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.37 | 204  | 223813   | 39.843 | nq    | 91       |
| 62) 4-Nitroaniline             | 15.43 | 138  | 56860m   | 26.134 | nq    |          |
| 63) Azobenzene                 | 15.67 | 77   | 385315   | 32.145 | nq    | 94       |
| 65) 4,6-Dinitro-2-methylphenol | 15.49 | 198  | 58268    | 40.684 | nq    | 93       |
| 66) n-Nitrosodiphenylamine     | 15.60 | 169  | 316642   | 36.714 | nq    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.27 | 248  | 142337   | 39.603 | nq    | # 91     |
| 68) Hexachlorobenzene          | 16.38 | 284  | 166167   | 40.177 | nq    | 94       |
| 69) Atrazine                   | 16.56 | 200  | 118959   | 35.295 | nq    | 94       |
| 70) Pentachlorophenol          | 16.73 | 266  | 186822   | 78.948 | nq    | 98       |
| 71) Phenanthrene               | 17.13 | 178  | 591339   | 36.549 | nq    | 99       |
| 72) Anthracene                 | 17.22 | 178  | 585597   | 36.201 | nq    | 99       |
| 73) Carbazole                  | 17.50 | 167  | 509268   | 34.891 | nq    | 98       |
| 74) Di-n-butylphthalate        | 18.04 | 149  | 574834   | 32.725 | nq    | 98       |
| 75) Fluoranthene               | 19.15 | 202  | 750463   | 36.660 | nq    | 97       |
| 77) Benzidine                  | 19.35 | 184  | 129257   | 13.029 | nq    | 99       |
| 78) Pyrene                     | 19.52 | 202  | 762841   | 36.617 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.42 | 149  | 252028   | 33.267 | nq    | 94       |
| 81) Benzo(a)anthracene         | 21.26 | 228  | 759822   | 34.917 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.20 | 252  | 153452   | 18.476 | nq    | 99       |
| 83) Chrysene                   | 21.32 | 228  | 767512   | 36.367 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.18 | 149  | 386950   | 32.915 | nq    | 97       |
| 85) Di-n-octyl phthalate       | 22.06 | 149  | 681332   | 34.870 | nq    | # 96     |
| 86) Indeno(1,2,3-cd)pyrene     | 25.81 | 276  | 997207   | 39.724 | nq    | # 100    |
| 88) Benzo(b)fluoranthene       | 22.85 | 252  | 850714m  | 36.721 | nq    |          |
| 89) Benzo(k)fluoranthene       | 22.89 | 252  | 791799m  | 37.469 | nq    |          |
| 90) Benzo(a)pyrene             | 23.43 | 252  | 793059   | 37.688 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.81 | 278  | 850162   | 38.849 | nq    | # 97     |
| 92) Benzo(g,h,i)perylene       | 26.51 | 276  | 832102   | 40.050 | nq    | 97       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

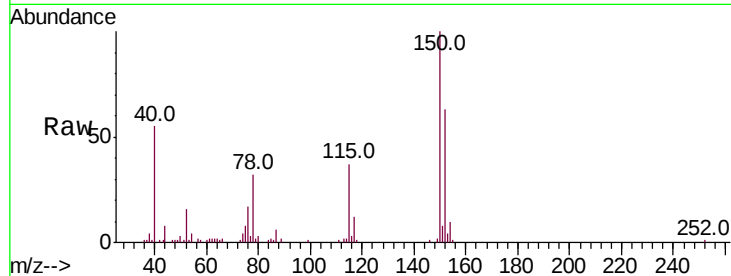
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.67 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

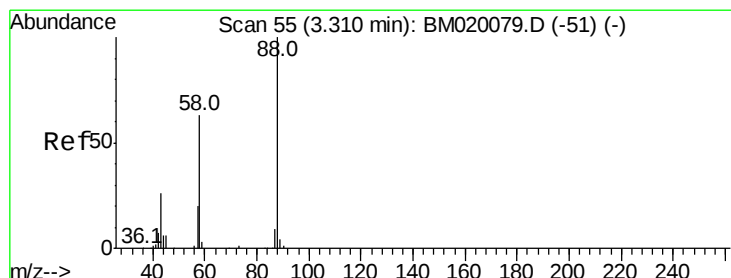
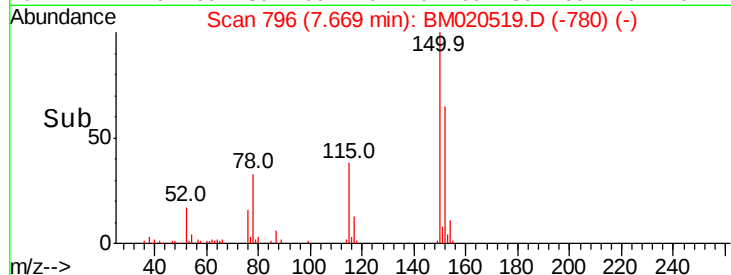
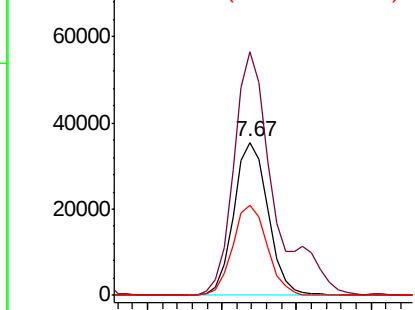
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.9 | 119.8 | 179.8 |
| 115     | 58.8  | 50.8  | 76.2  |

Manual Integrations  
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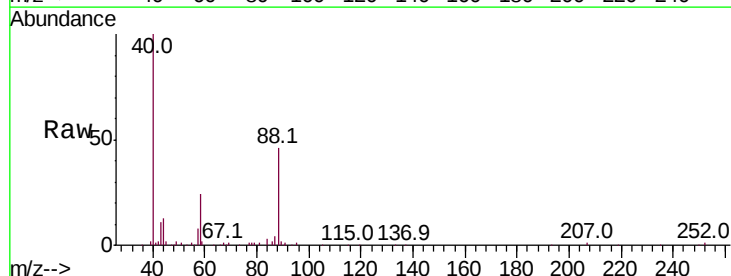
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



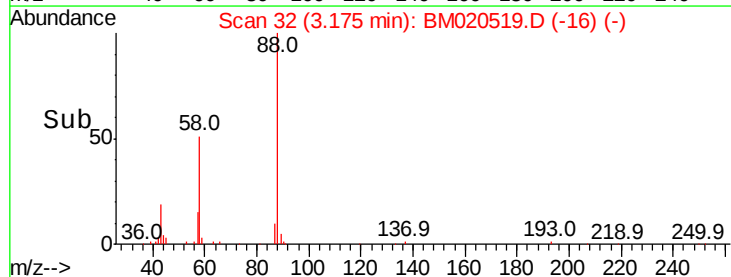
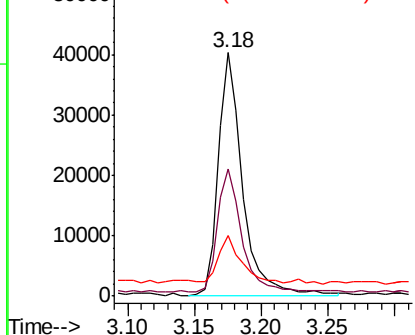
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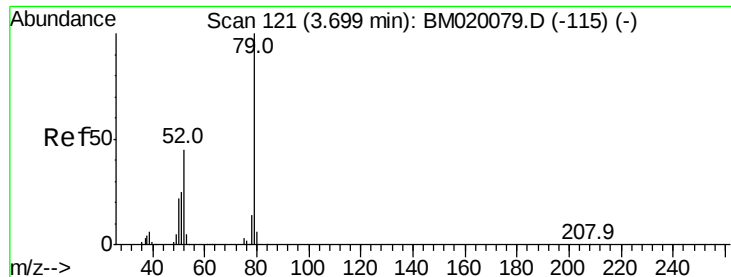
1,4-Dioxane  
Concen: 30.669 ng  
RT: 3.18 min Scan# 32  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 49.2  | 51.8  | 77.6# |
| 43      | 18.1  | 20.3  | 30.5# |



Abundance Ion 88.00 (87.70 to 88.70): BM0  
Ion 58.00 (57.70 to 58.70): BM0  
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 24.704 ng

RT: 3.58 min Scan# 101

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA\_M

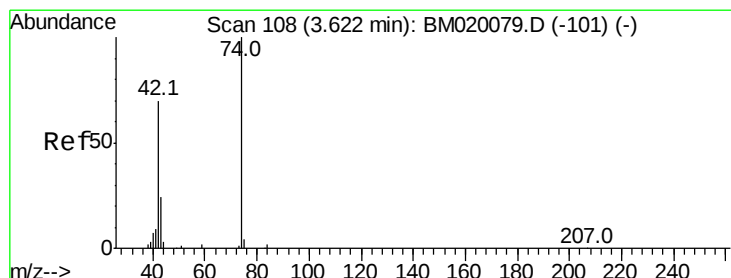
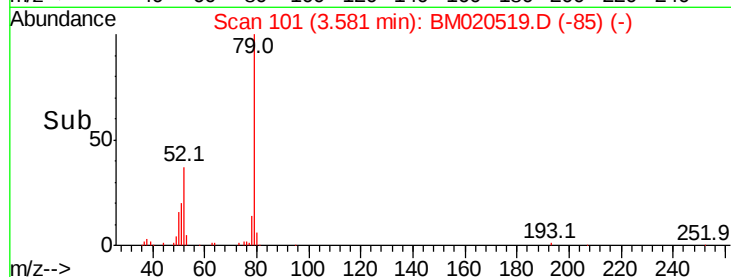
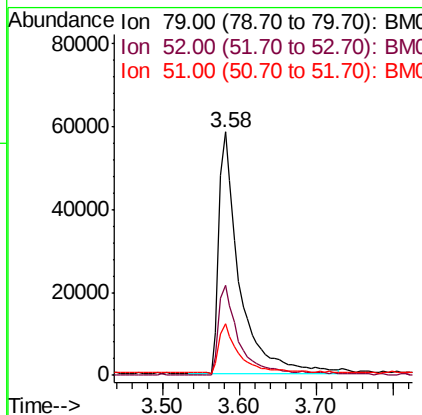
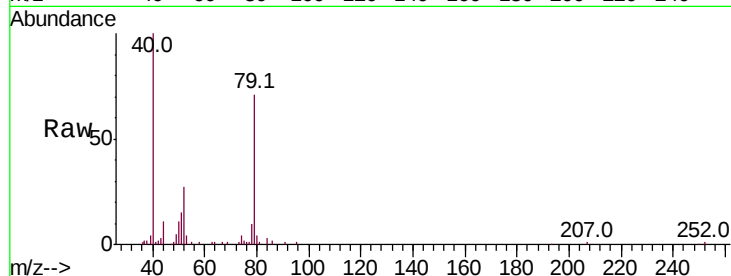
ClientSampleId :

FESB-16(2.4-2.9)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 107690 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 37.2  | 35.7  | 53.5   |
| 51        | 21.0  | 20.8  | 31.2   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 28.284 ng

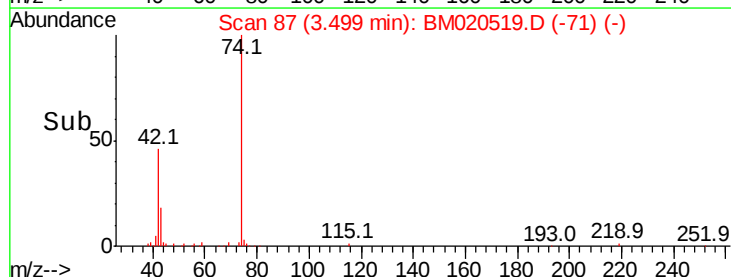
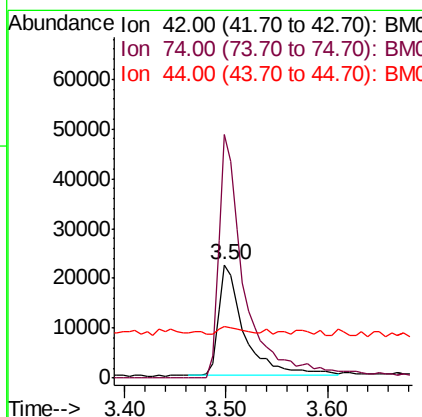
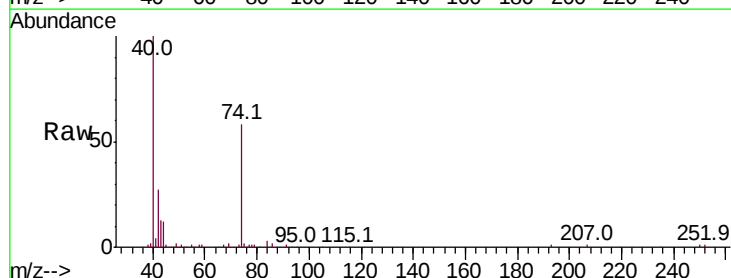
RT: 3.50 min Scan# 87

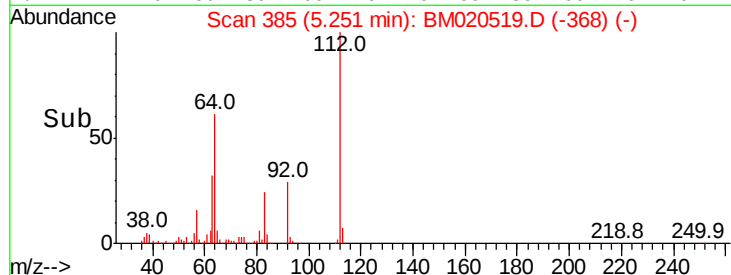
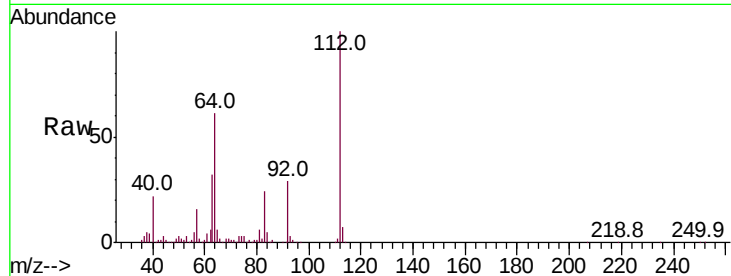
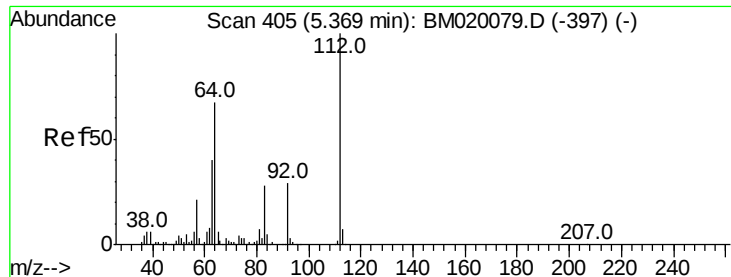
Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 39537  |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 215.1 | 113.7 | 170.5# |
| 44        | 45.1  | 3.9   | 5.9#   |





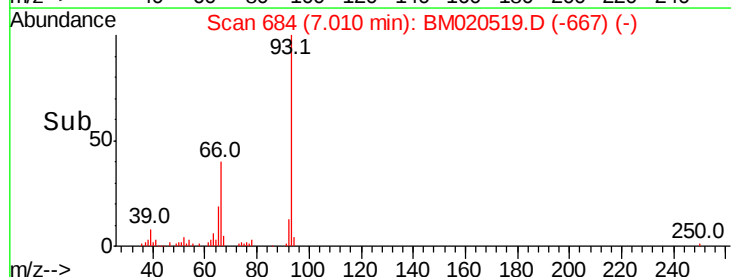
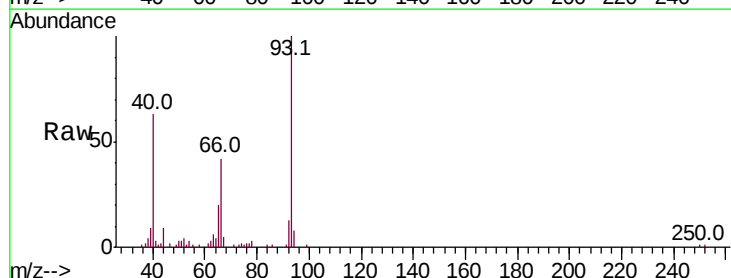
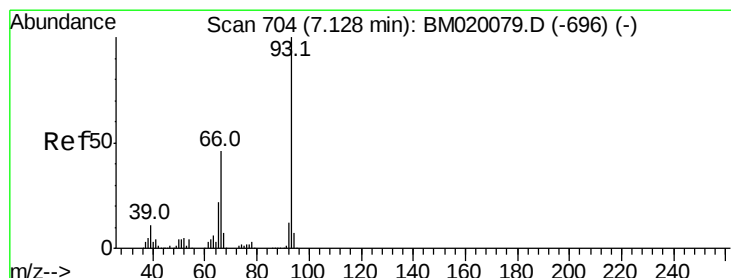
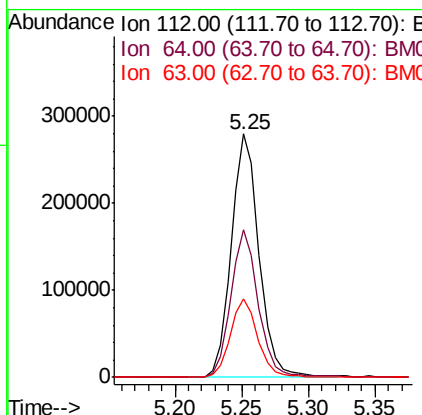
#5  
2-Fluorophenol  
Concen: 116.506 ng  
RT: 5.25 min Scan# 385  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 112     | 100   |            |       |
| 64      | 60.6  | 53.8       | 80.6  |
| 63      | 32.5  | 32.3       | 48.5  |

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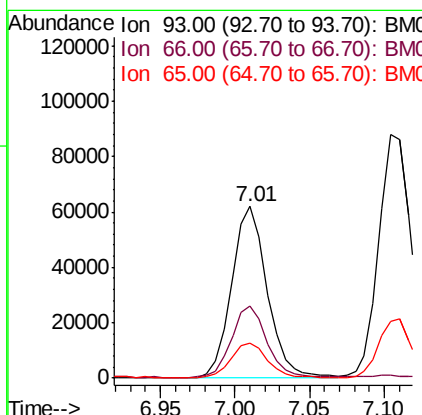
Manual Integrations  
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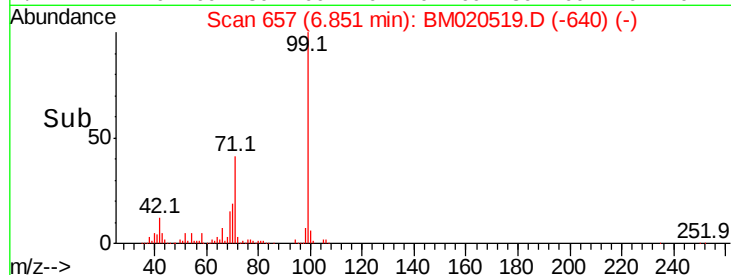
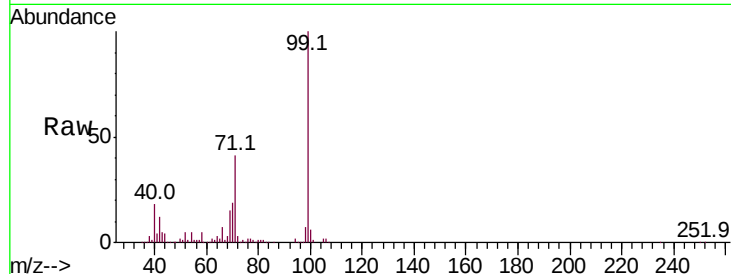
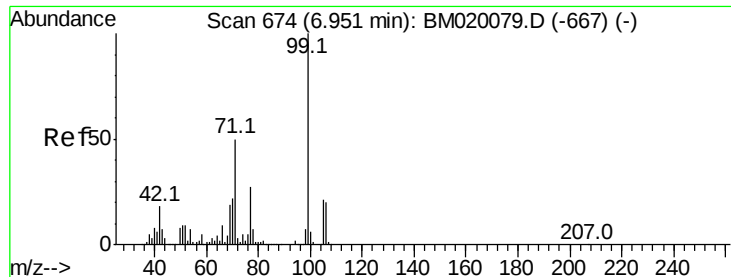
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#6  
Aniline  
Concen: 17.351 ng  
RT: 7.01 min Scan# 684  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 93      | 100   |            |       |
| 66      | 42.2  | 36.6       | 54.8  |
| 65      | 20.3  | 17.8       | 26.6  |





#7

Phenol-d6

Concen: 114.283 ng

RT: 6.85 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 542579 |       |       |
| 42      | 12.3 | 14.2  | 21.2#  |       |       |
| 71      | 41.3 | 40.3  | 60.5   |       |       |

Instrument :

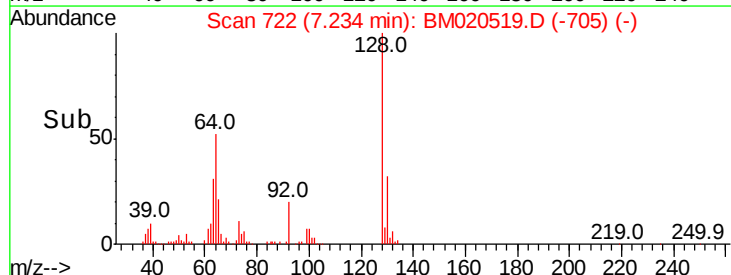
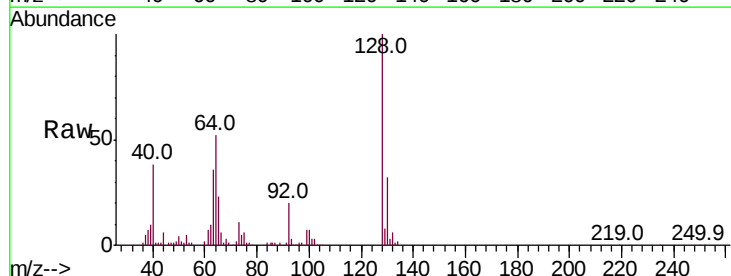
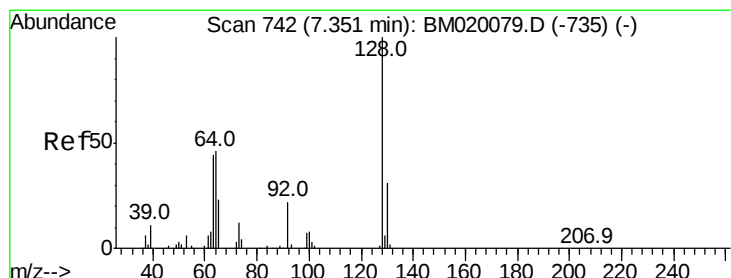
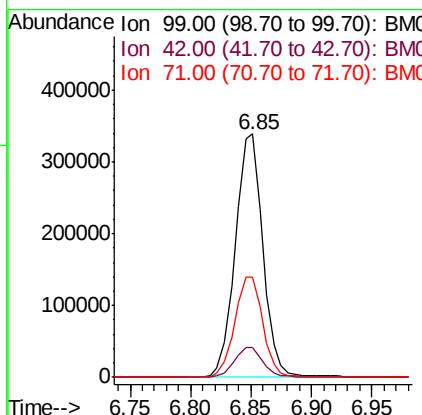
BNA\_M

ClientSampleId :

FESB-16(2.4-2.9)MS

Manual Integrations  
APPROVED

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#8

2-Chlorophenol

Concen: 36.808 ng

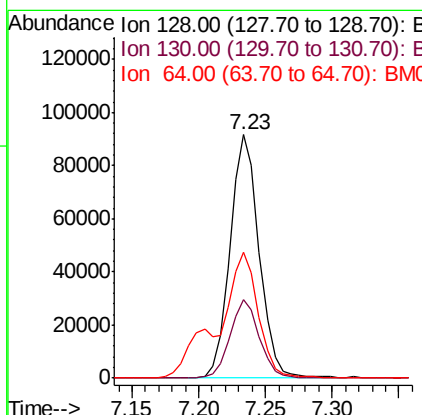
RT: 7.23 min Scan# 722

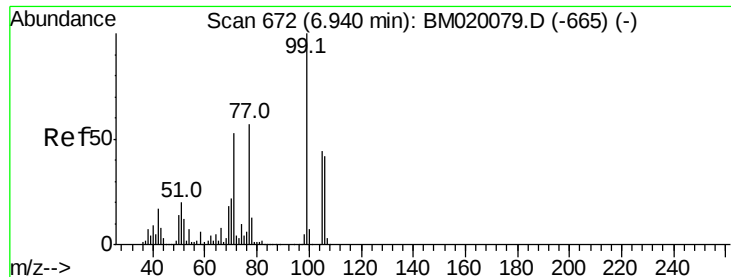
Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 139282 |       |       |
| 130     | 32.4 | 10.8  | 50.8   |       |       |
| 64      | 51.5 | 36.5  | 76.5   |       |       |





#9

Benzaldehyde

Concen: 27.603 ng

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA\_M

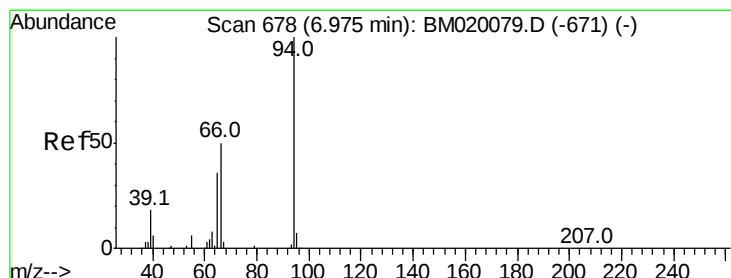
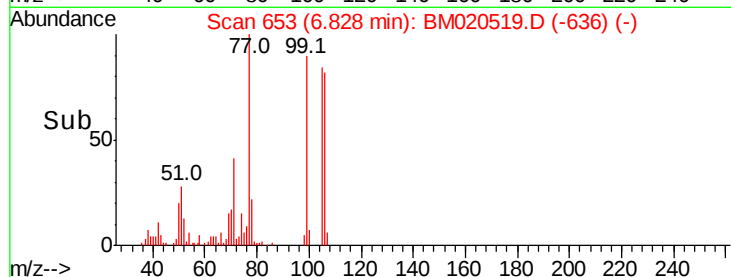
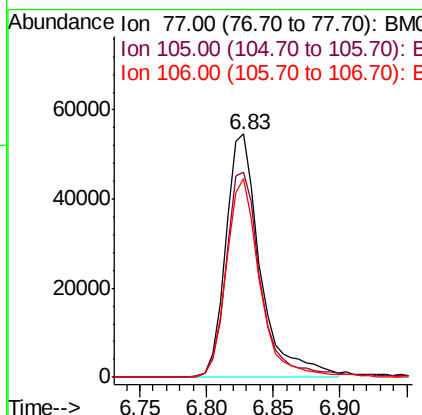
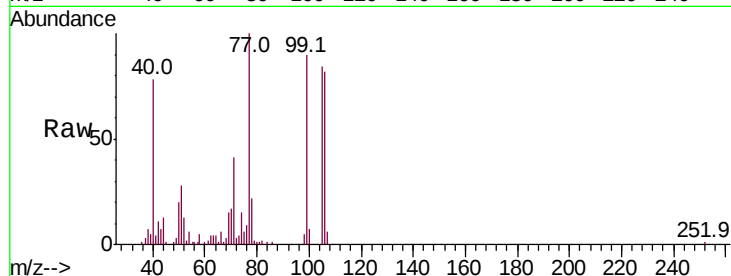
ClientSampleId :

FESB-16(2.4-2.9)MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 77    | Resp: | 99187 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 84.3  | 57.8  | 97.8  |
| 106       | 81.9  | 53.6  | 93.6  |

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#10

Phenol

Concen: 38.619 ng

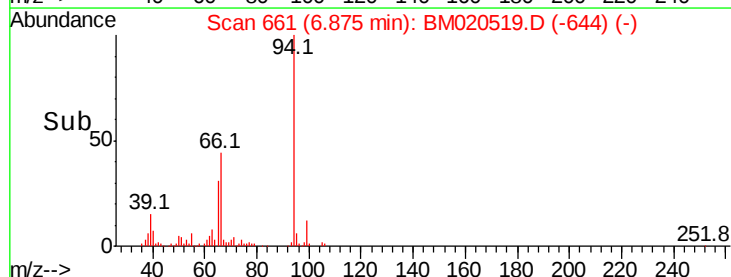
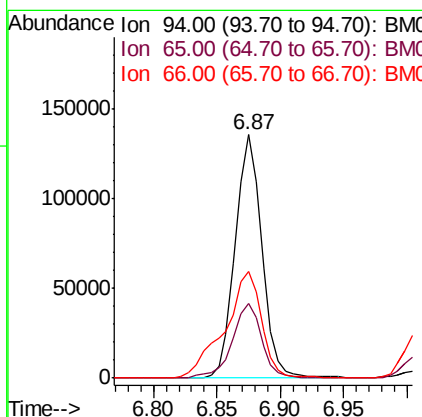
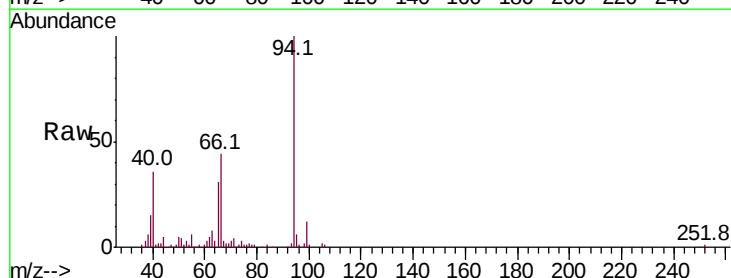
RT: 6.87 min Scan# 661

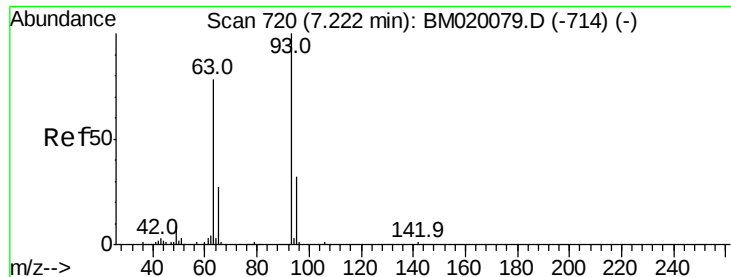
Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 197380 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 30.9  | 17.0  | 57.0   |
| 66        | 43.9  | 34.5  | 74.5   |





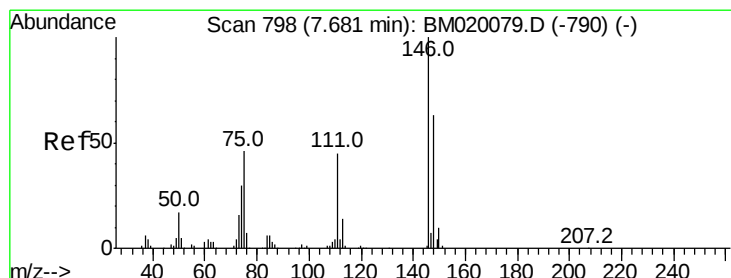
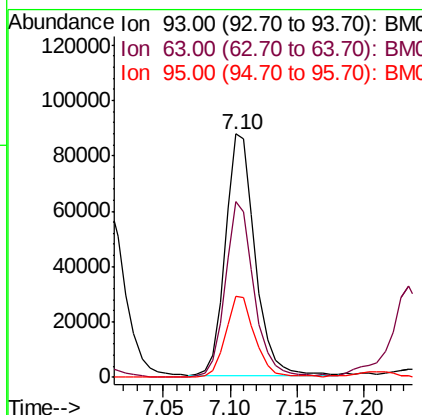
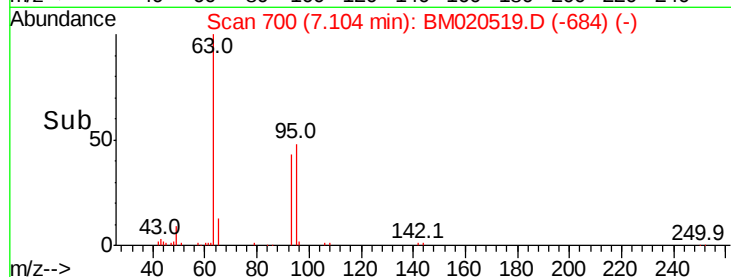
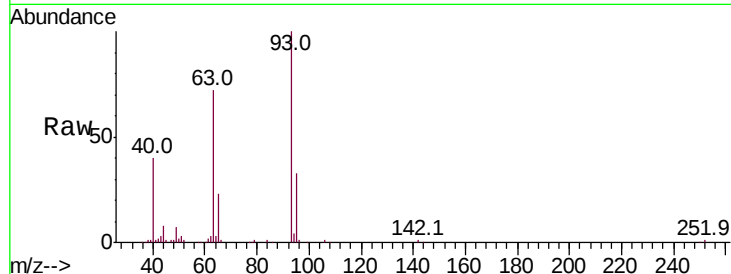
#11  
bis(2-Chloroethyl)ether  
Concen: 36.326 ng  
RT: 7.10 min Scan# 700  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 72.3  | 57.9  | 97.9  |
| 95      | 33.0  | 11.3  | 51.3  |

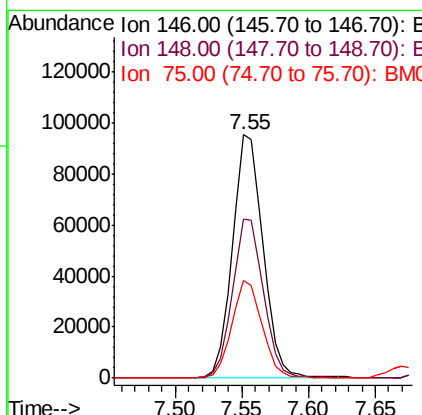
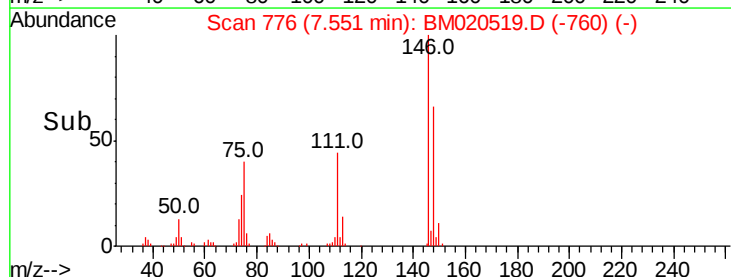
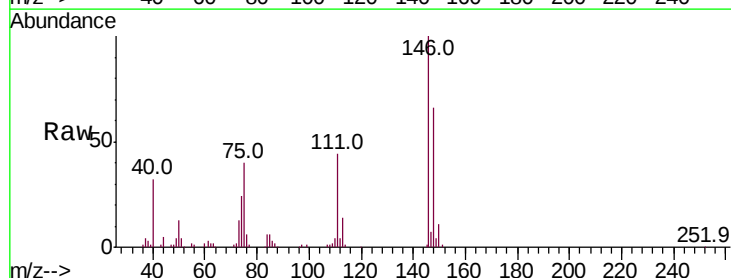
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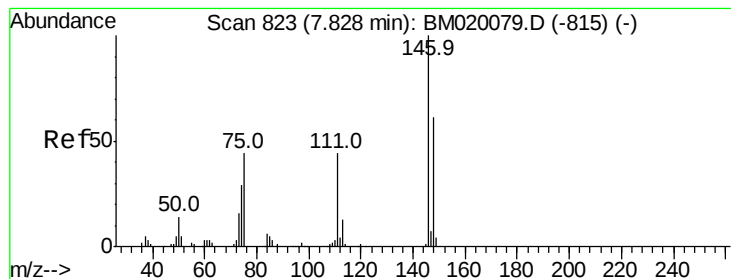
Sohil  
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#12  
1,3-Dichlorobenzene  
Concen: 34.658 ng  
RT: 7.55 min Scan# 776  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.6  | 50.1  | 75.1  |
| 75      | 40.3  | 37.2  | 55.8  |





#13

1,4-Dichlorobenzene

Concen: 35.664 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA\_M

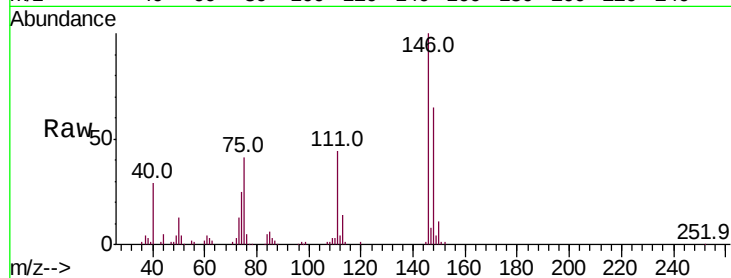
ClientSampleId :

FESB-16(2.4-2.9)MS

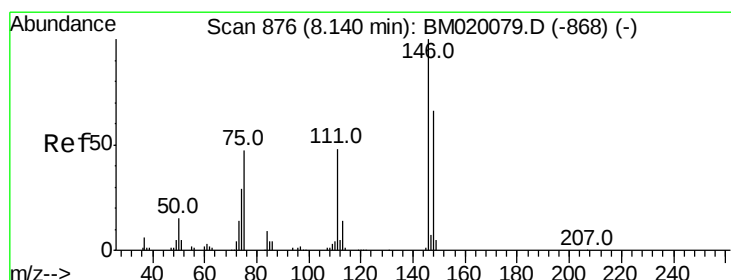
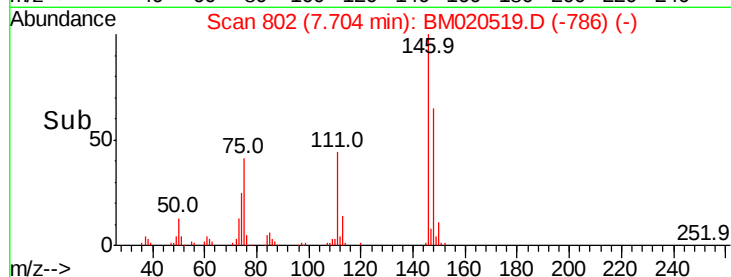
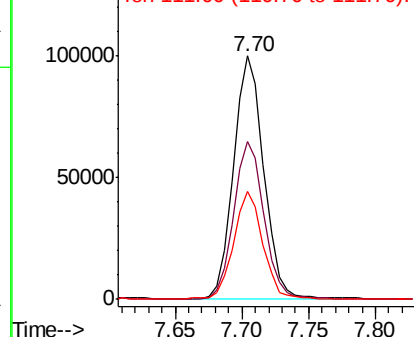
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 158618 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.7  | 48.5  | 72.7   |
| 111       | 44.2  | 35.7  | 53.5   |

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Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.516 ng

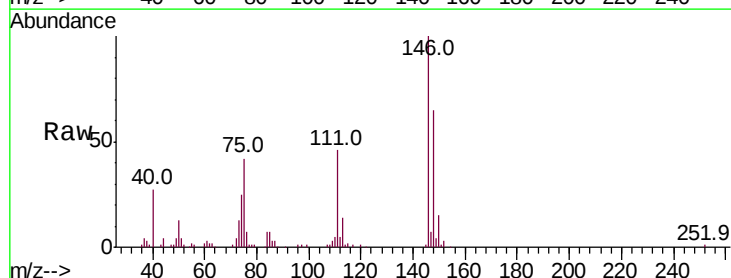
RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

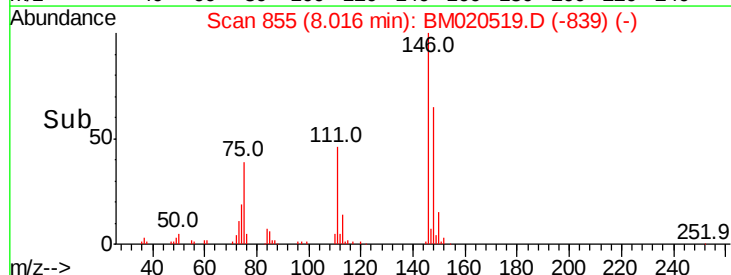
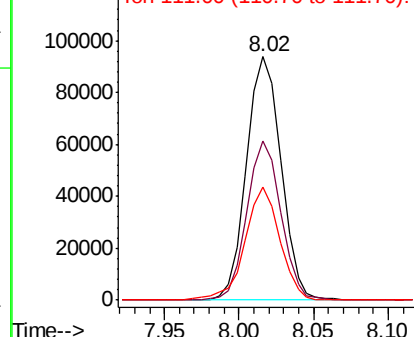
Lab File: BM020519.D

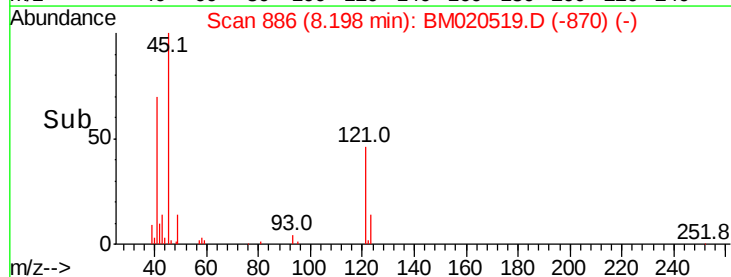
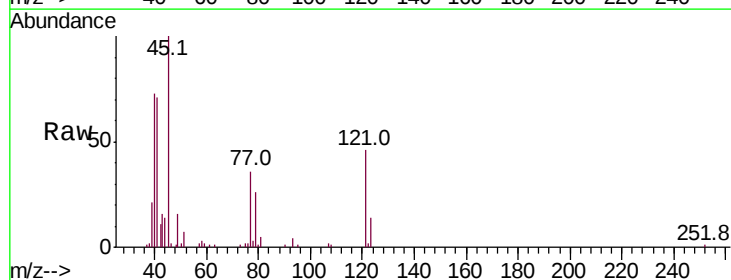
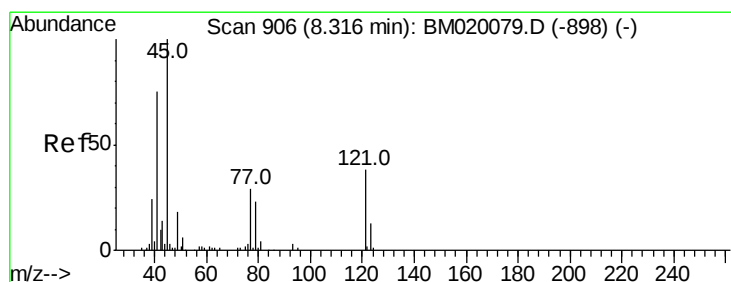
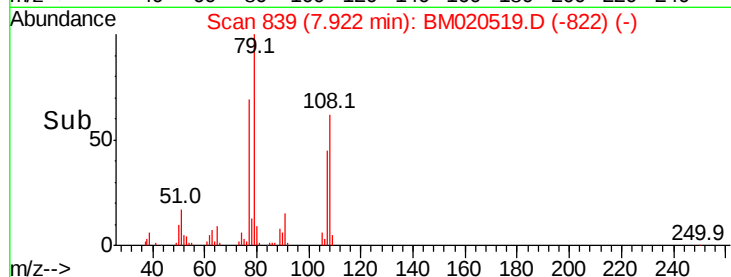
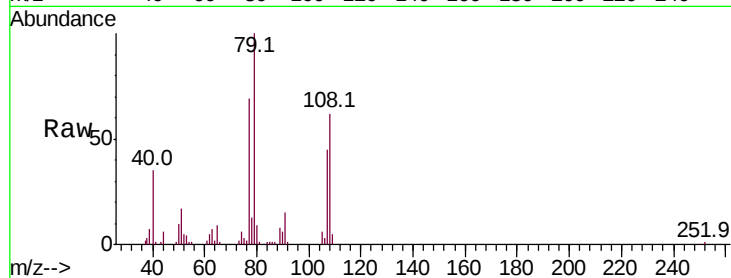
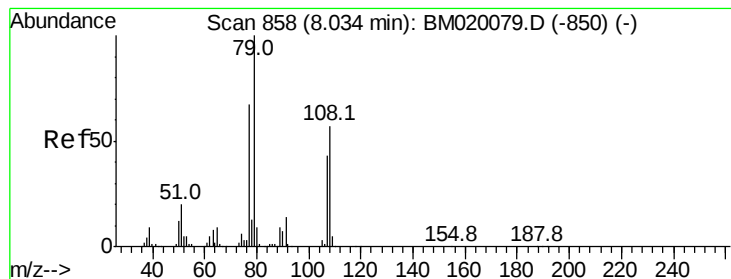
Acq: 23 May 2019 17:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 150491 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.3  | 52.6  | 79.0   |
| 111       | 46.4  | 39.0  | 58.4   |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.930 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 132442 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 62.3  | 46.0  | 69.0   |
| 77        | 69.5  | 53.8  | 80.6   |

Instrument :

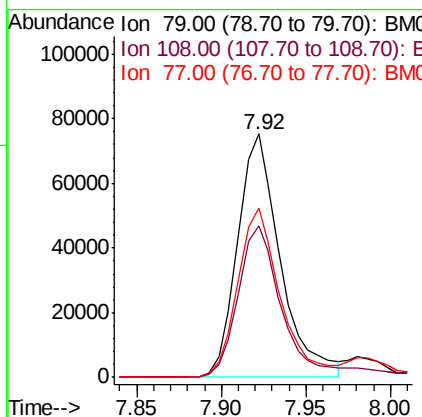
BNA\_M

ClientSampleId :

FESB-16(2.4-2.9)MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.399 ng

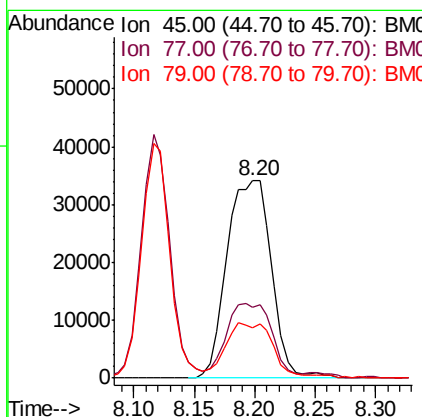
RT: 8.20 min Scan# 886

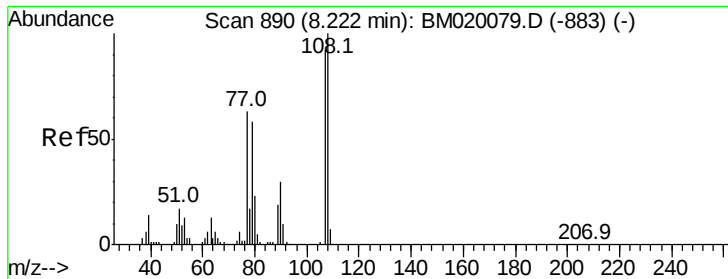
Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 87476 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 35.8  | 10.5  | 50.5  |
| 79        | 25.8  | 3.3   | 43.3  |





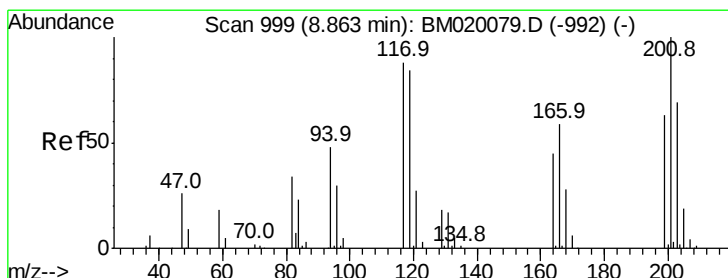
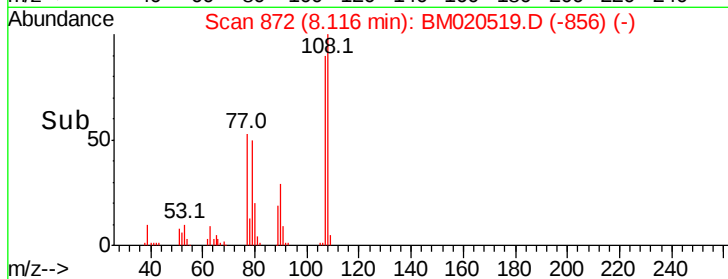
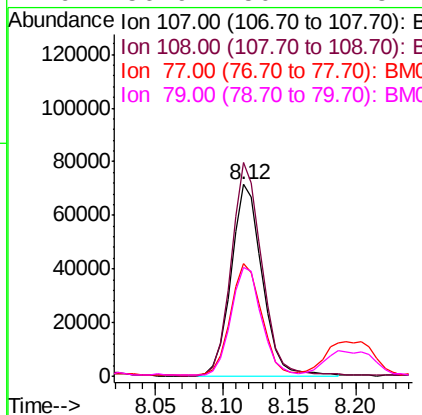
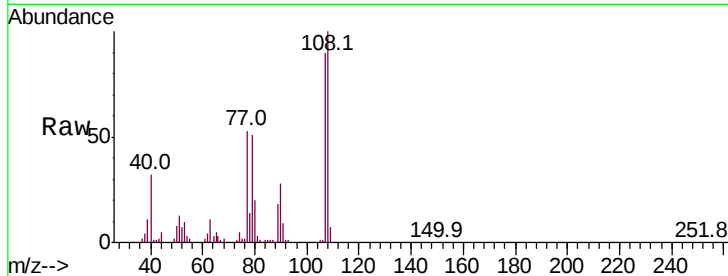
#17  
2-Methylphenol  
Concen: 35.394 ng  
RT: 8.12 min Scan# 872  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.5 | 87.0  | 130.4 |
| 77      | 58.9  | 54.7  | 82.1  |
| 79      | 56.9  | 50.1  | 75.1  |

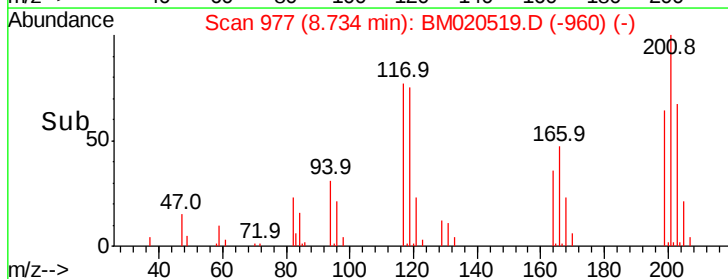
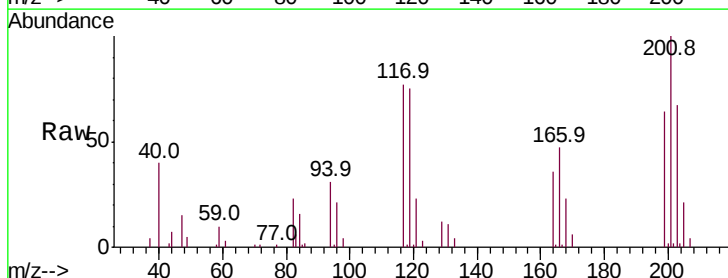
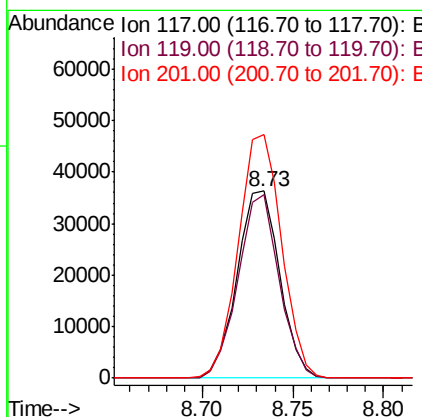
Manual Integrations  
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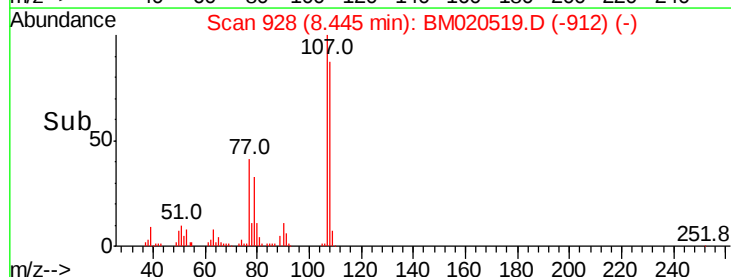
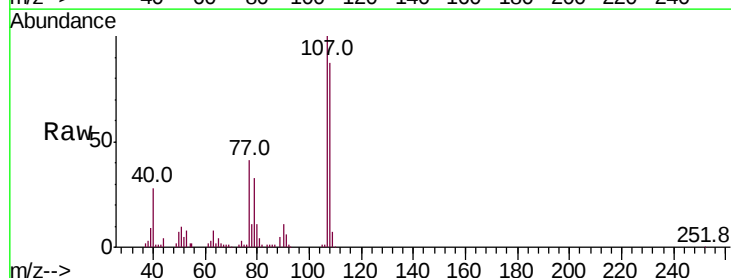
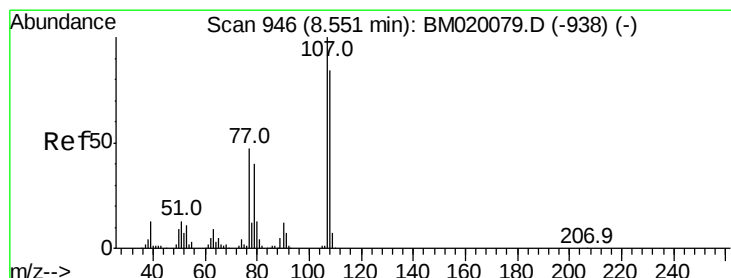
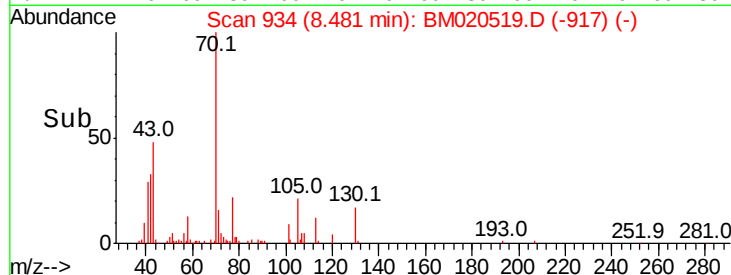
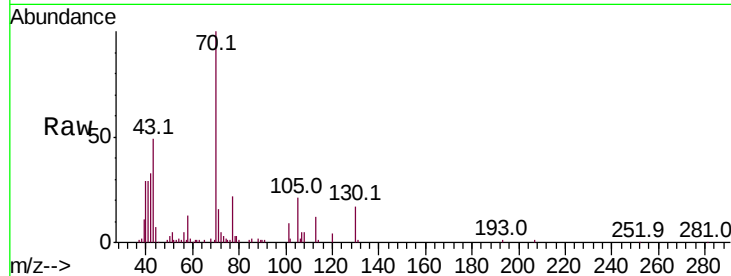
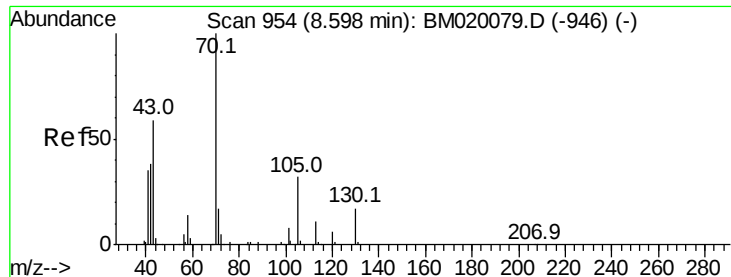
Sohil  
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#18  
Hexachloroethane  
Concen: 32.059 ng  
RT: 8.73 min Scan# 977  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 98.3  | 76.6  | 114.8 |
| 201     | 130.3 | 90.7  | 136.1 |





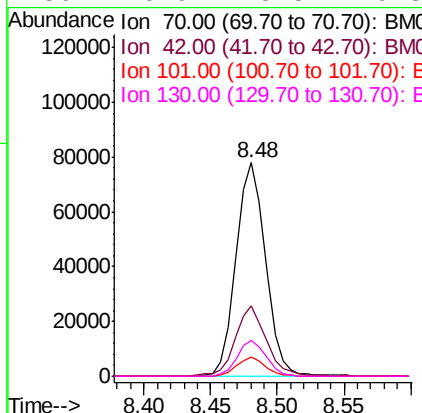
#19  
n-Nitroso-di-n-propylamine  
Concen: 29.552 ng  
RT: 8.48 min Scan# 934  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 33.2  | 31.0  | 46.4  |
| 101     | 9.3   | 6.2   | 9.2#  |
| 130     | 16.9  | 13.5  | 20.3  |

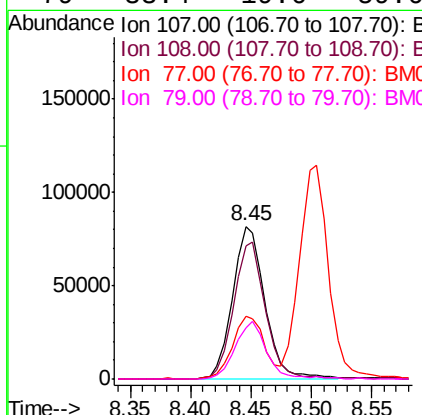
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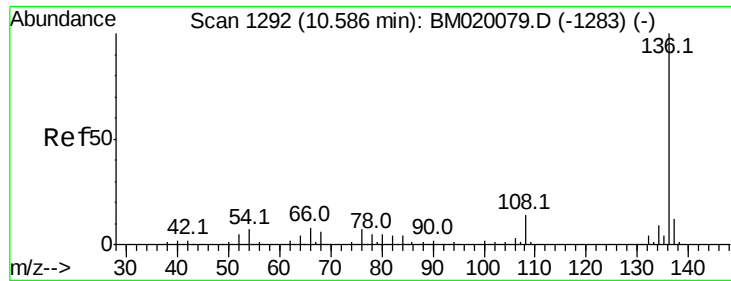
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5/24/2019 5:01:37 PM



#20  
3+4-Methylphenols  
Concen: 34.816 ng  
RT: 8.45 min Scan# 928  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.0  | 64.4  | 104.4 |
| 77      | 40.9  | 27.2  | 67.2  |
| 79      | 33.4  | 19.6  | 59.6  |





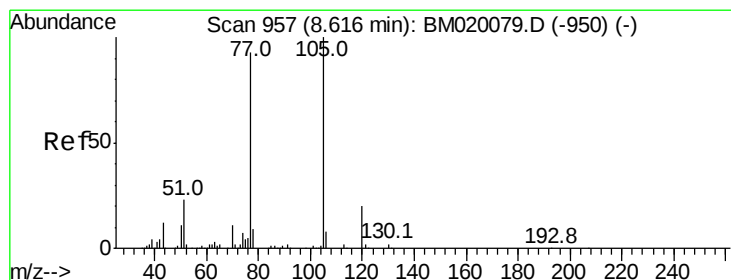
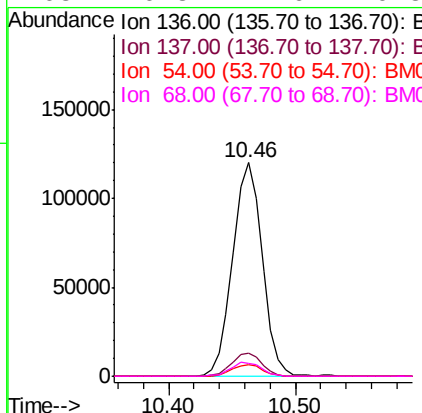
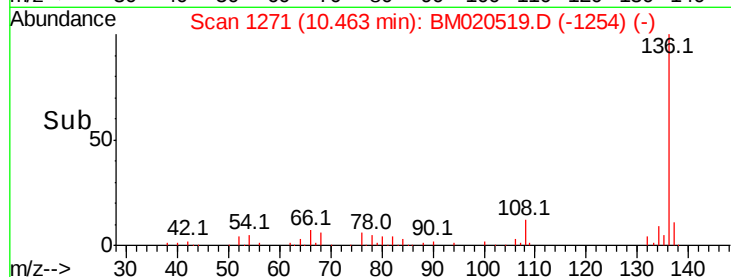
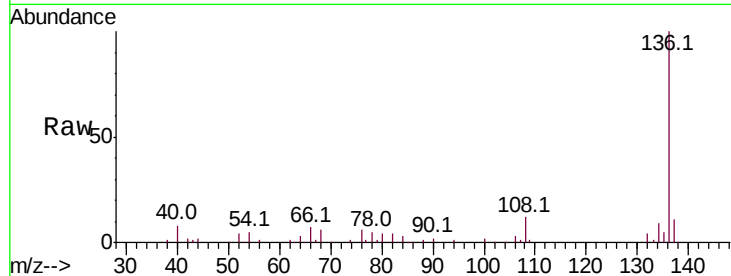
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.46 min Scan# 1271  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.7  | 9.6  | 14.4  |       |
| 54      | 5.3   | 5.5  | 8.3   |       |
| 68      | 6.3   | 4.6  | 6.8   |       |

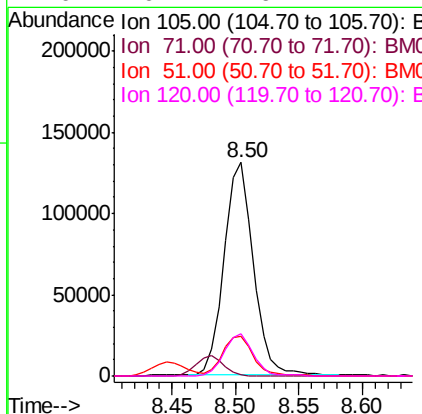
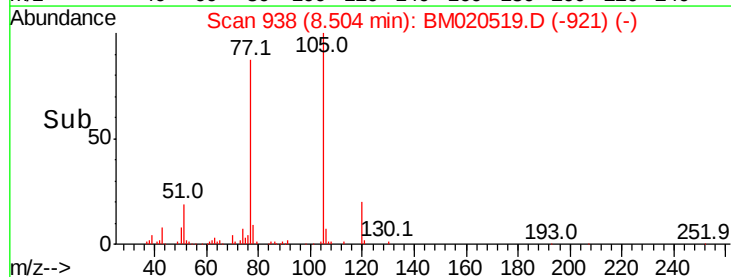
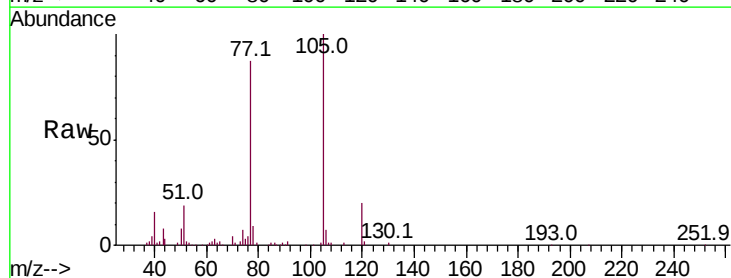
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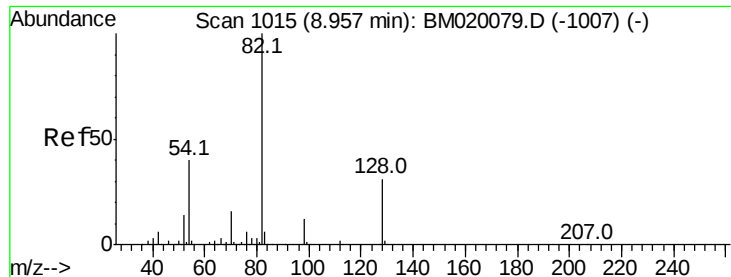
Sohil  
5/24/2019 5:01:37 PM



#22  
Acetophenone  
Concen: 39.640 ng  
RT: 8.50 min Scan# 938  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.7   | 2.2  | 3.2   |       |
| 51      | 18.6  | 19.3 | 28.9  |       |
| 120     | 20.1  | 16.2 | 24.4  |       |





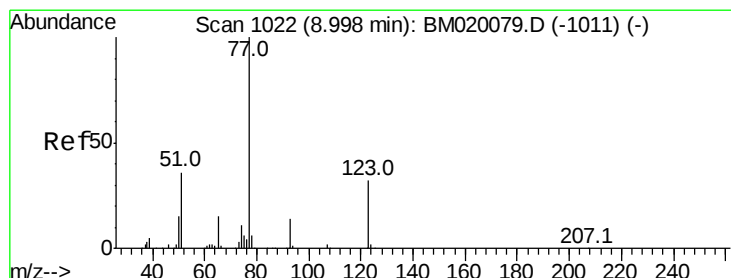
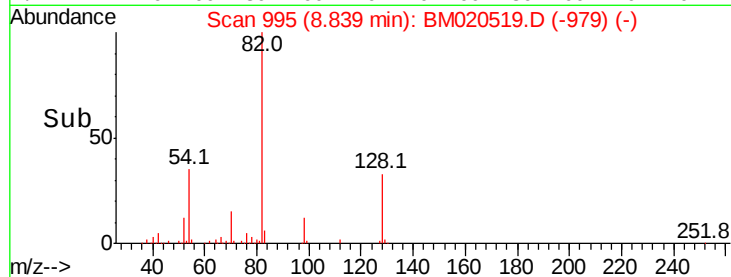
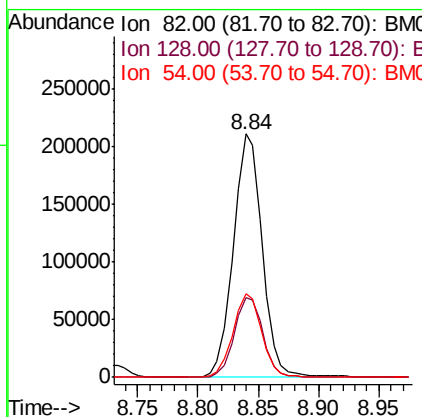
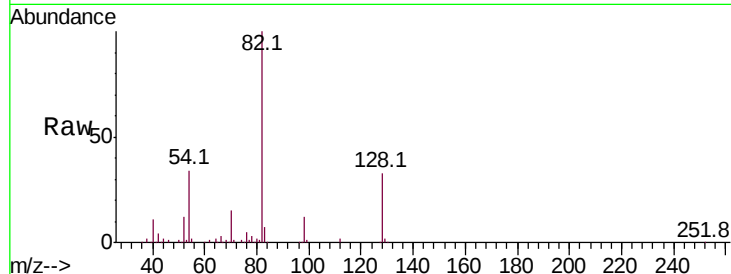
#23  
 Nitrobenzene-d5  
 Concen: 71.771 ng  
 RT: 8.84 min Scan# 995  
 Delta R.T. -0.01 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 32.7  | 25.2  | 37.8  |
| 54      | 34.4  | 31.9  | 47.9  |

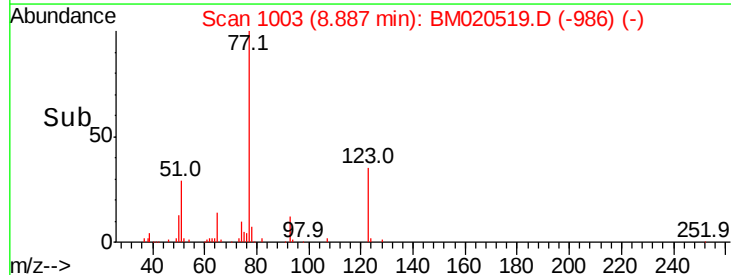
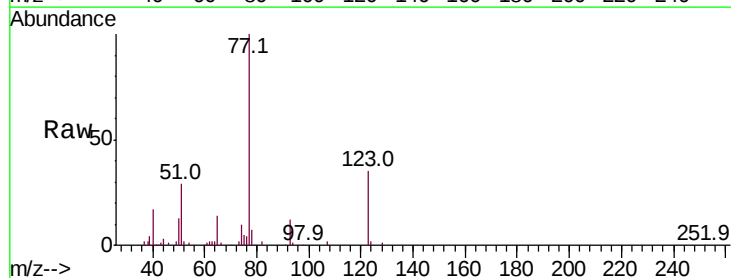
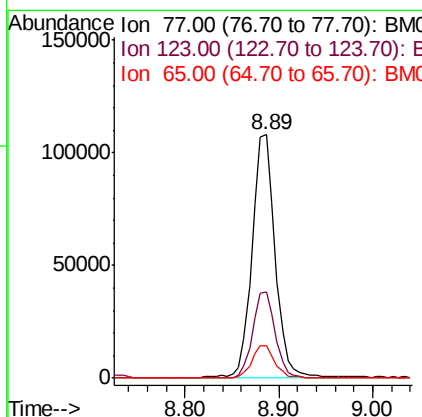
Manual Integrations  
 APPROVED

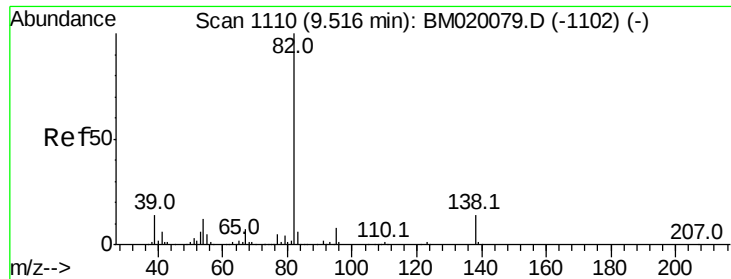
Sohil  
 5/24/2019 5:01:37 PM



#24  
 Nitrobenzene  
 Concen: 36.325 ng  
 RT: 8.89 min Scan# 1003  
 Delta R.T. 0.00 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 35.2  | 25.5  | 38.3  |
| 65      | 13.6  | 11.8  | 17.6  |





#25

Isophorone

Concen: 36.378 ng

RT: 9.40 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA\_M

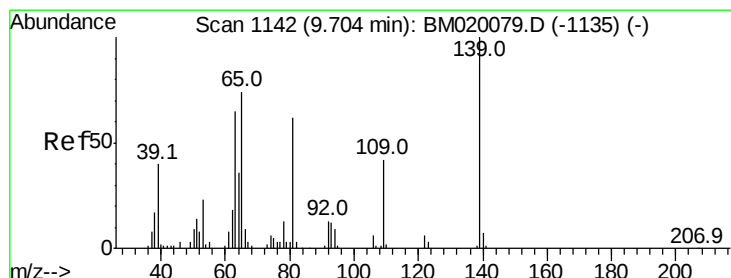
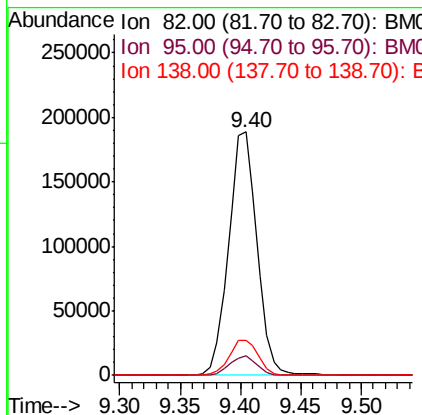
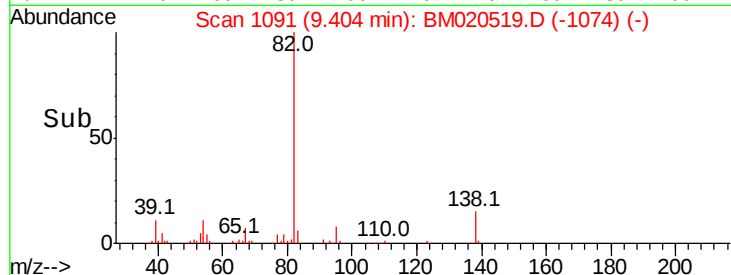
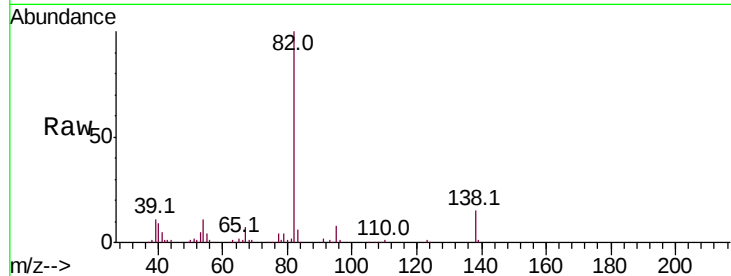
ClientSampleId :

FESB-16(2.4-2.9)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 308400 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.8   | 6.4   | 9.6    |
| 138       | 14.6  | 11.1  | 16.7   |

Manual Integrations  
APPROVED

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5/24/2019 5:01:37 PM



#26

2-Nitrophenol

Concen: 42.977 ng

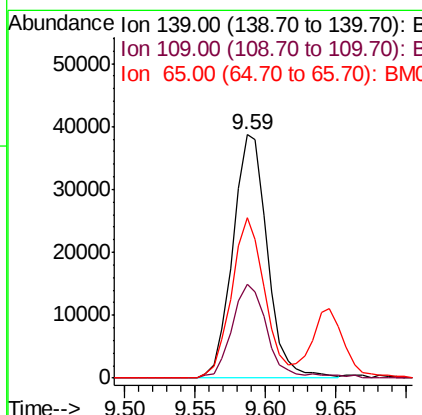
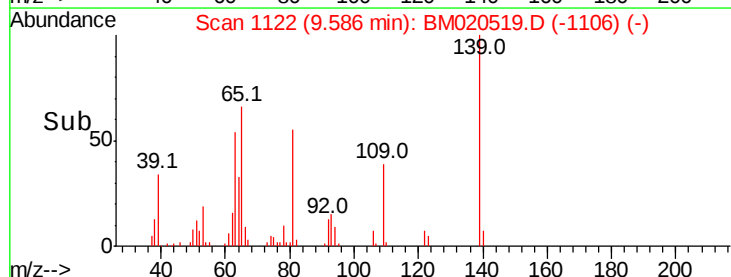
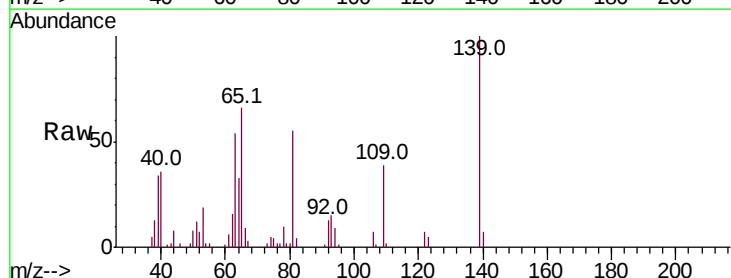
RT: 9.59 min Scan# 1122

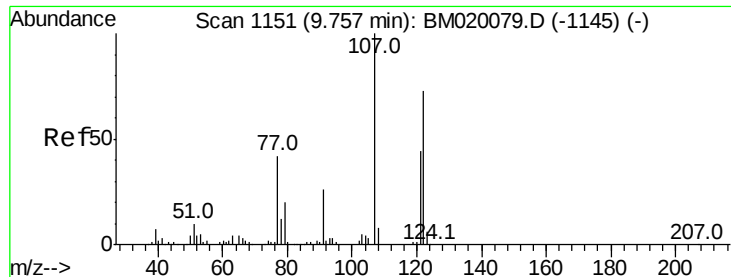
Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 66135 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 38.8  | 33.7  | 50.5  |
| 65        | 66.0  | 59.5  | 89.3  |





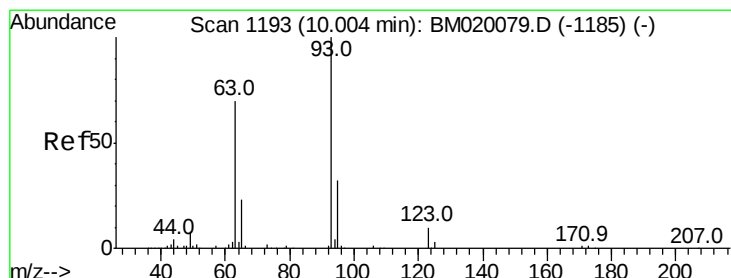
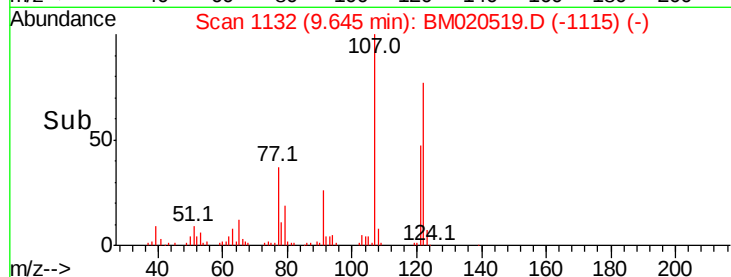
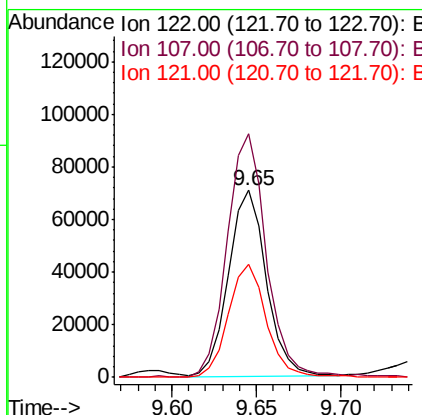
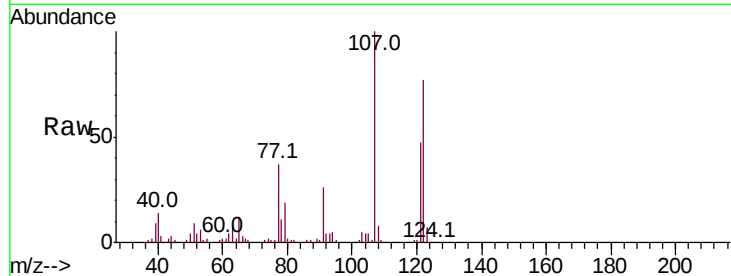
#27  
2,4-Dimethylphenol  
Concen: 43.023 ng  
RT: 9.65 min Scan# 1132  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 130.4 | 108.6 | 162.8 |
| 121     | 60.6  | 47.4  | 71.2  |

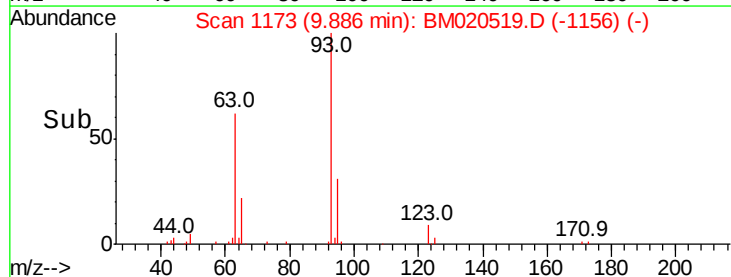
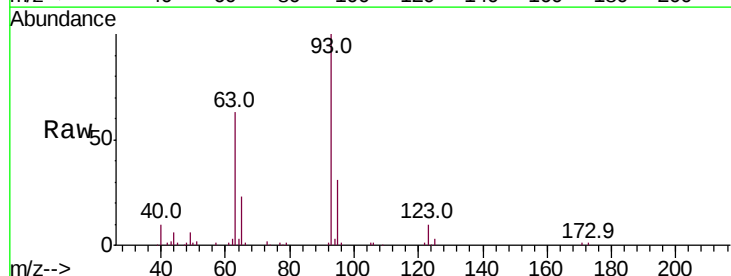
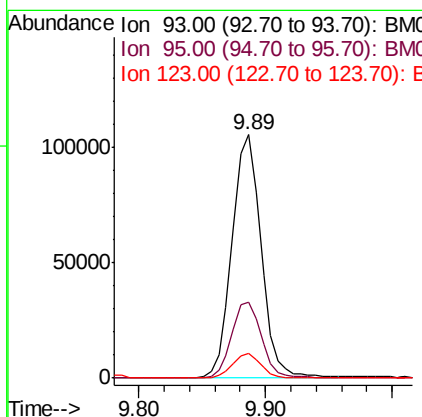
Manual Integrations  
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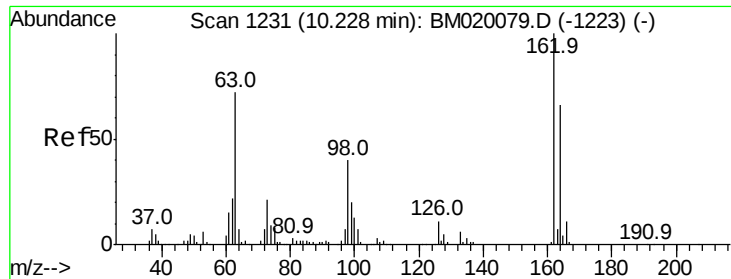
Sohil  
5/24/2019 5:01:37 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 36.365 ng  
RT: 9.89 min Scan# 1173  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.4  | 25.5  | 38.3  |
| 123     | 10.4  | 7.6   | 11.4  |





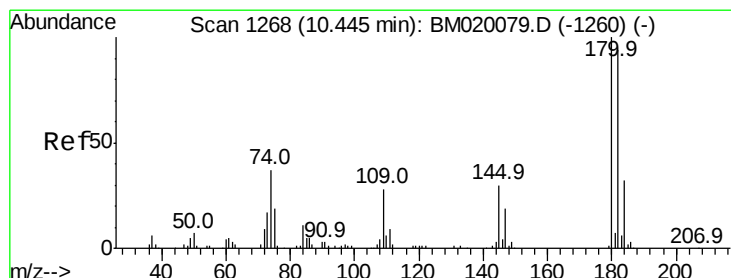
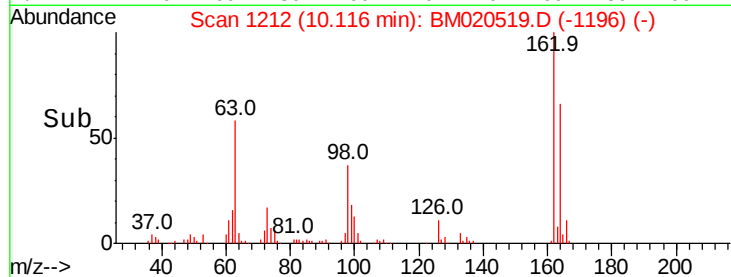
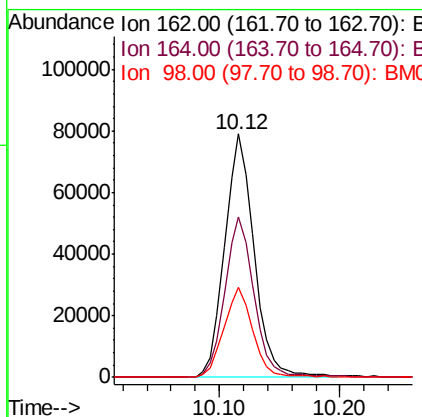
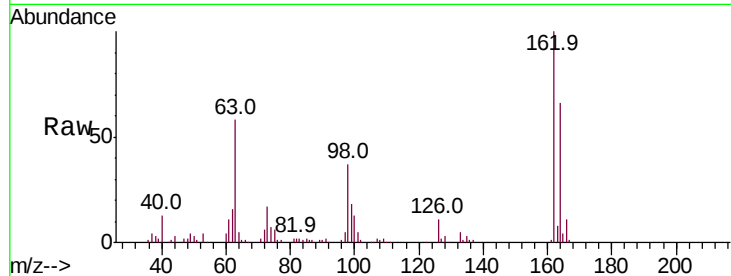
#29  
 2,4-Dichlorophenol  
 Concen: 41.403 ng  
 RT: 10.12 min Scan# 1212  
 Delta R.T. -0.01 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FESB-16(2.4-2.9)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 133754 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 65.9  | 45.6  | 85.6   |
| 98        | 36.9  | 20.4  | 60.4   |

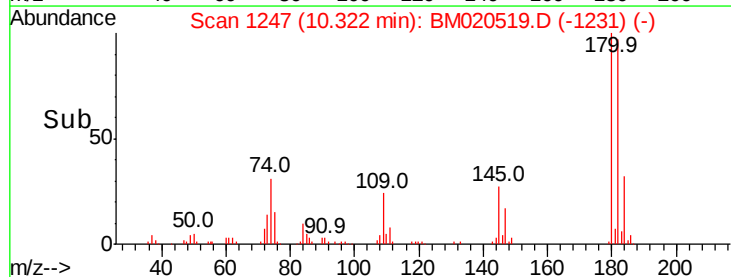
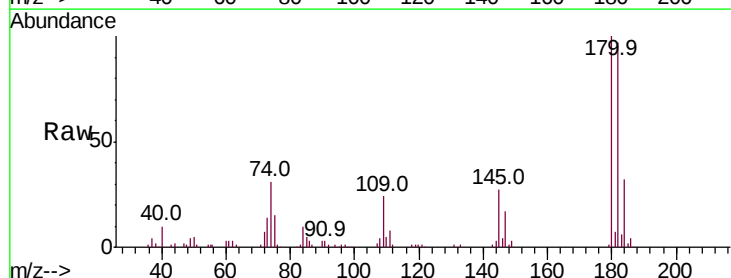
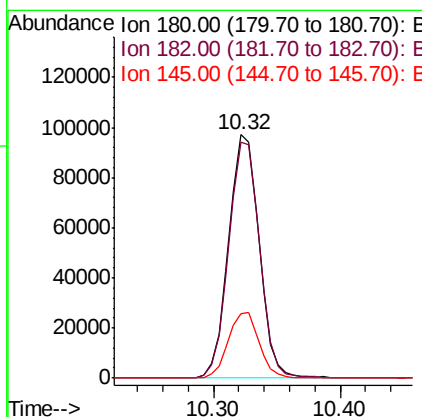
Manual Integrations  
 APPROVED

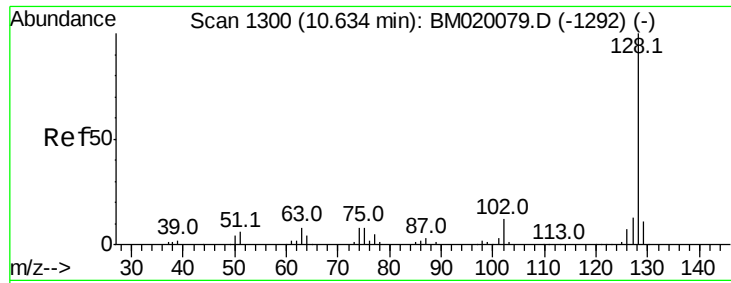
Sohil  
 5/24/2019 5:01:37 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.702 ng  
 RT: 10.32 min Scan# 1247  
 Delta R.T. -0.01 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 161789 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.9  | 75.4  | 113.0  |
| 145       | 26.7  | 23.8  | 35.8   |





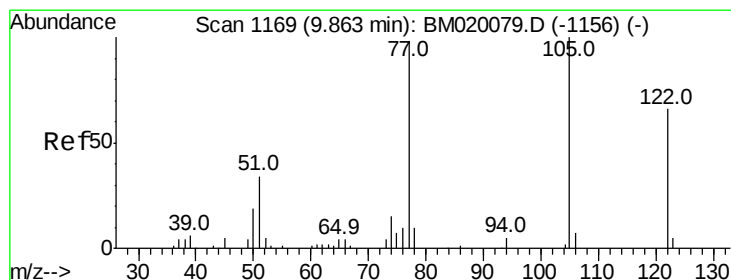
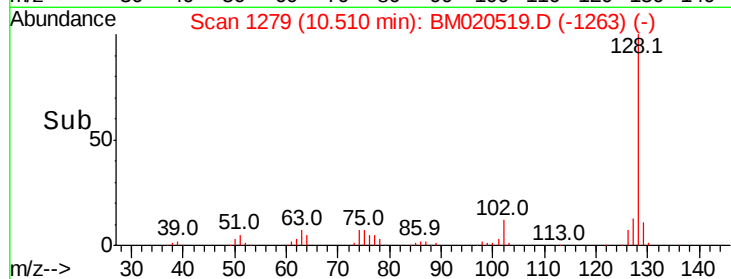
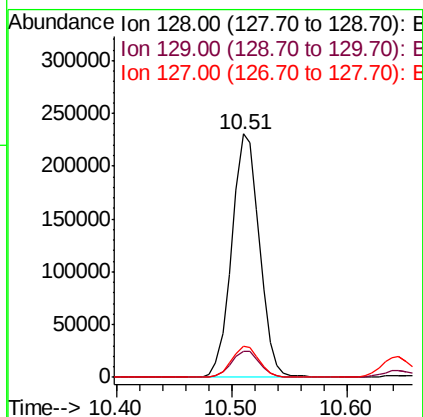
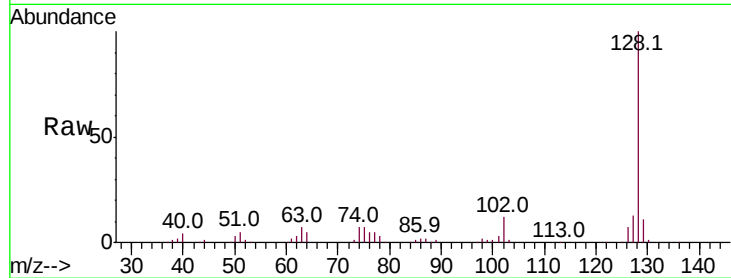
#31  
Naphthalene  
Concen: 37.991 ng  
RT: 10.51 min Scan# 1279  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 9.0   | 13.4  |
| 127     | 13.0  | 10.4  | 15.6  |

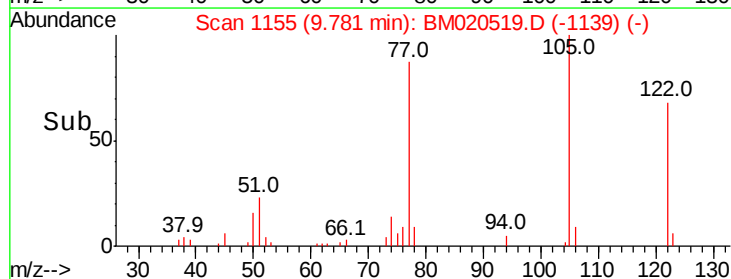
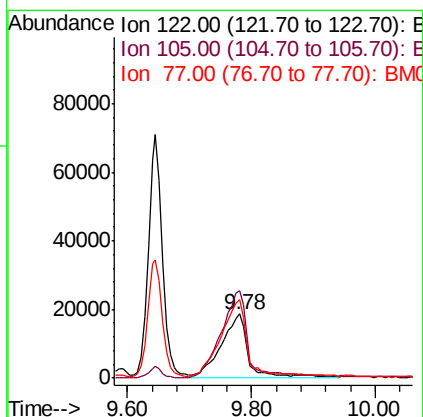
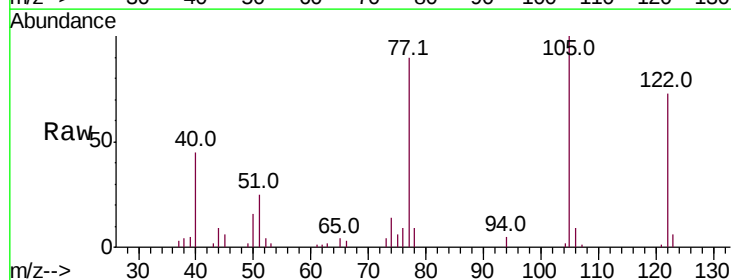
Manual Integrations  
APPROVED

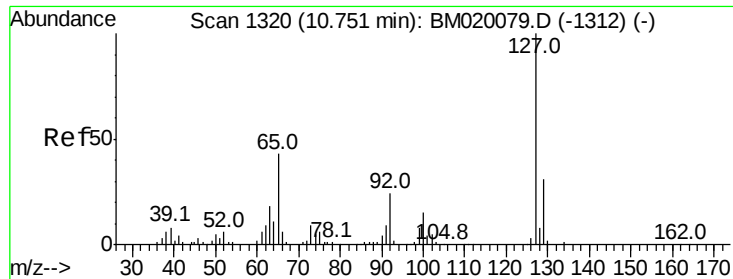
Sohil  
5/24/2019 5:01:37 PM



#32  
Benzoic acid  
Concen: 33.842 ng m  
RT: 9.78 min Scan# 1155  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 136.7 | 122.5 | 162.5  |
| 77      | 123.1 | 123.3 | 163.3# |





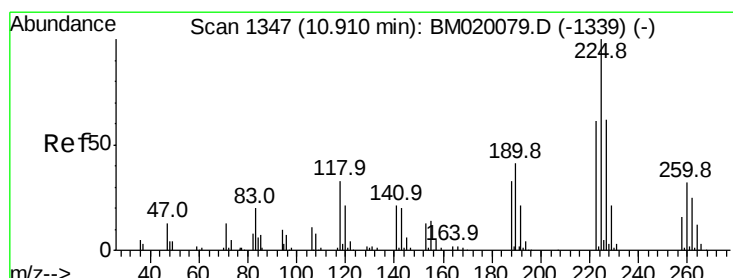
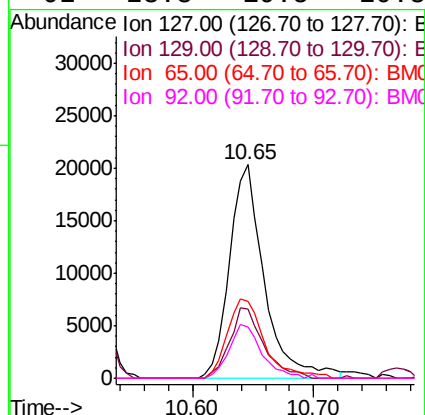
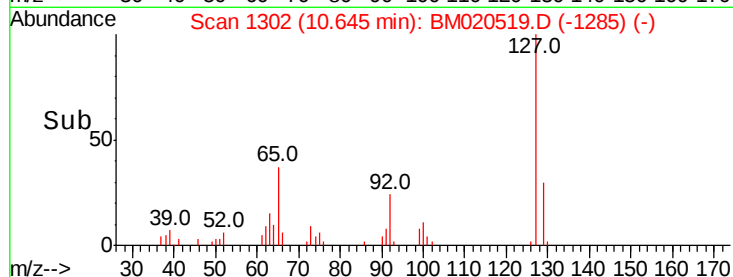
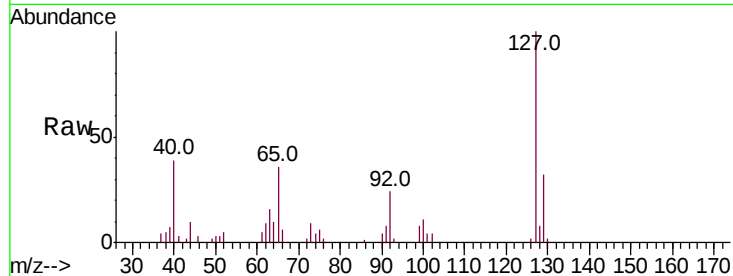
#33  
4-Chloroaniline  
Concen: 9.845 ng  
RT: 10.65 min Scan# 1302  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.2  | 24.7  | 37.1  |
| 65      | 36.1  | 34.6  | 52.0  |
| 92      | 23.8  | 19.5  | 29.3  |

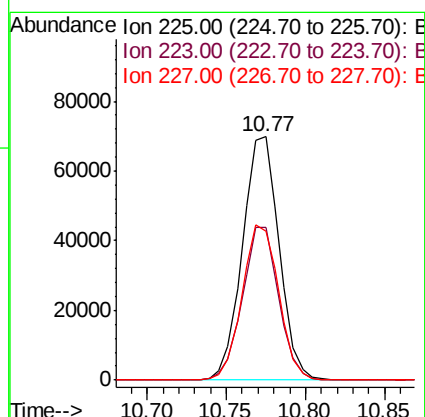
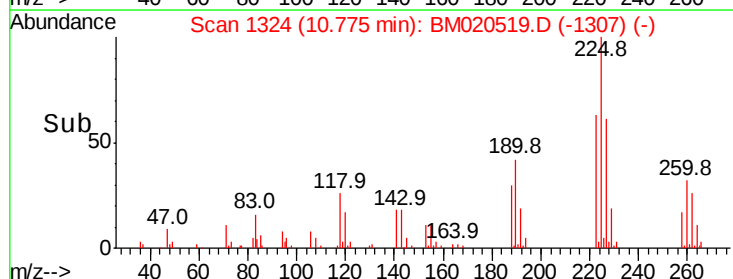
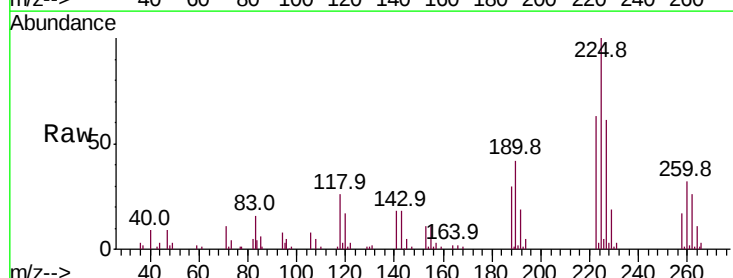
Manual Integrations  
APPROVED

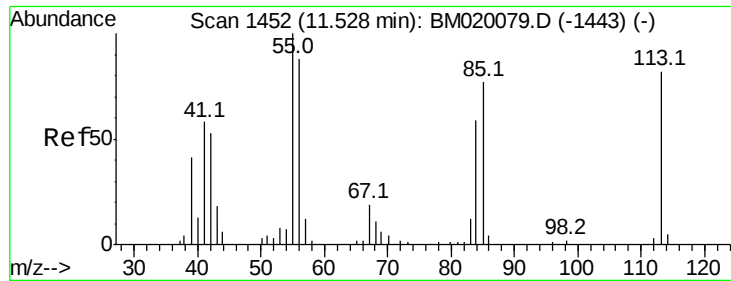
Sohil  
5/24/2019 5:01:37 PM



#34  
Hexachlorobutadiene  
Concen: 39.813 ng  
RT: 10.77 min Scan# 1324  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.8  | 48.9  | 73.3  |
| 227     | 61.3  | 49.6  | 74.4  |





#35

Caprolactam

Concen: 31.604 ng

RT: 11.45 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA\_M

ClientSampleId :

FESB-16(2.4-2.9)MS

Tot Ion:113 Resp: 30528

Ion Ratio Lower Upper

113 100

55 129.6 102.5 142.5

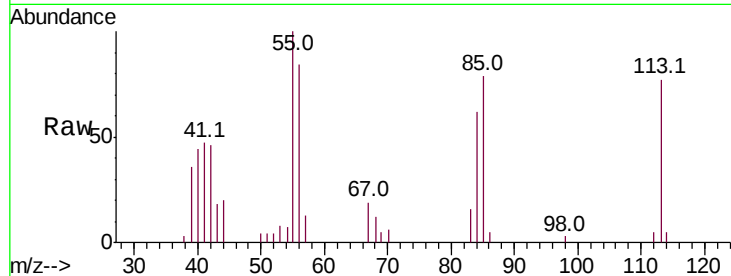
56 108.6 87.7 127.7

Manual Integrations

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Sohil

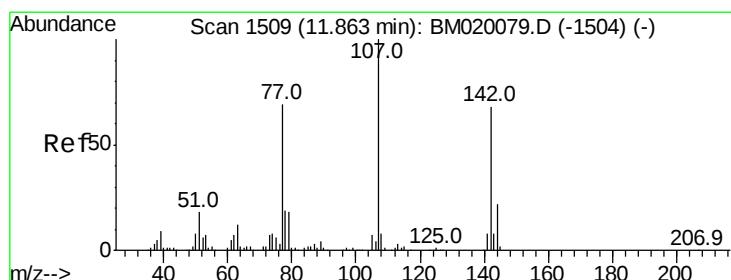
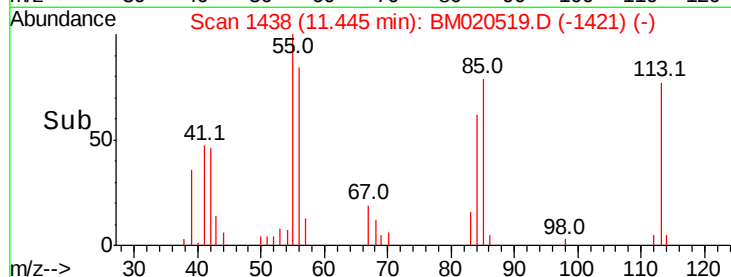
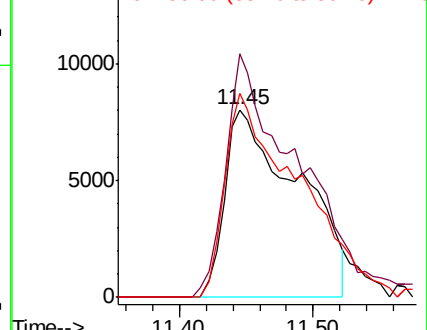
5/24/2019 5:01:37 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 35.270 ng

RT: 11.77 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

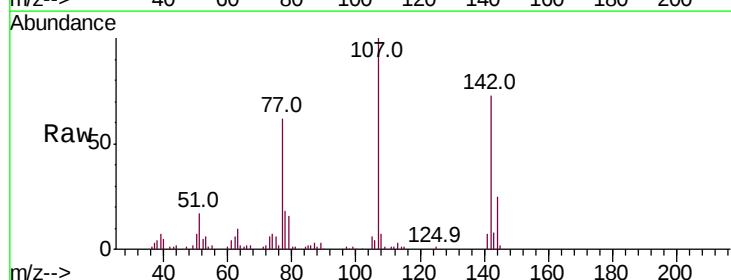
Tgt Ion:107 Resp: 133897

Ion Ratio Lower Upper

107 100

144 25.0 17.6 26.4

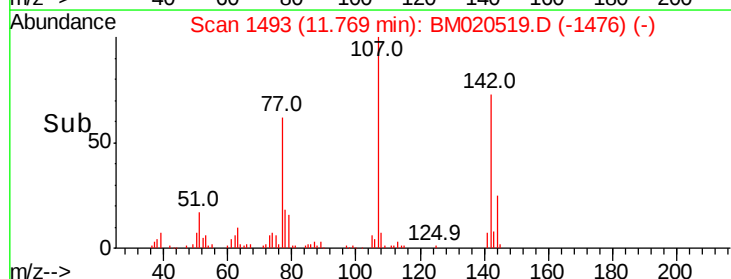
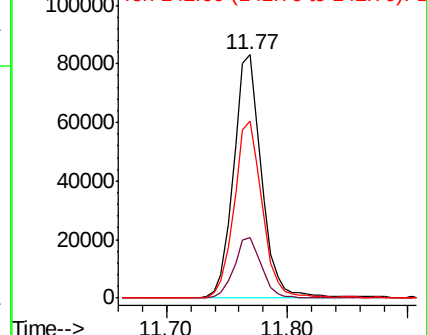
142 72.6 54.6 82.0

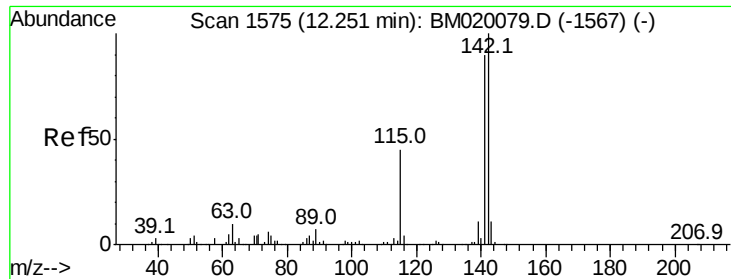


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





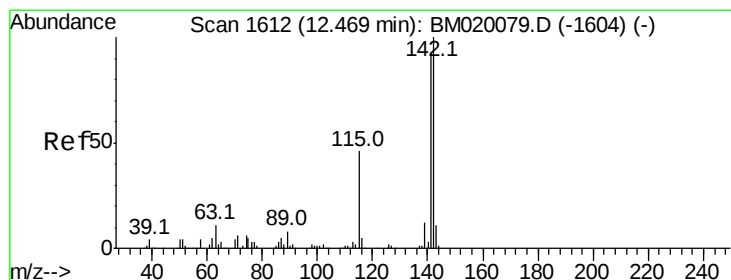
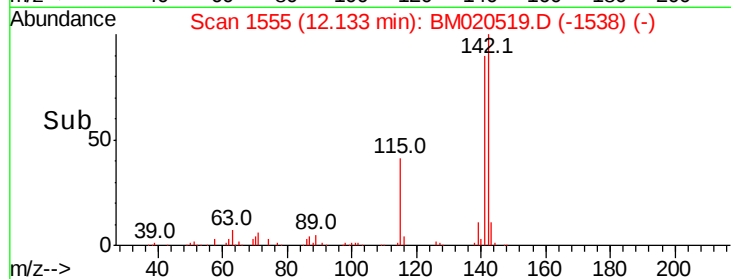
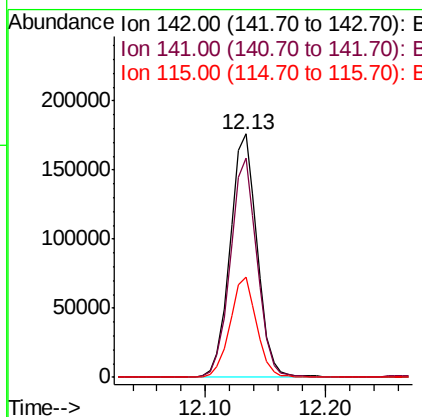
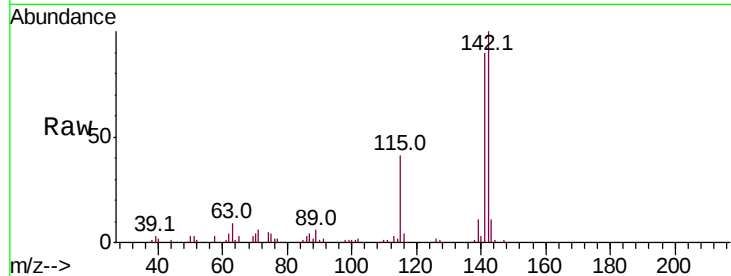
#37  
2-Methylnaphthalene  
Concen: 37.451 ng  
RT: 12.13 min Scan# 1555  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.9  | 71.6  | 107.4 |
| 115     | 41.4  | 35.8  | 53.6  |

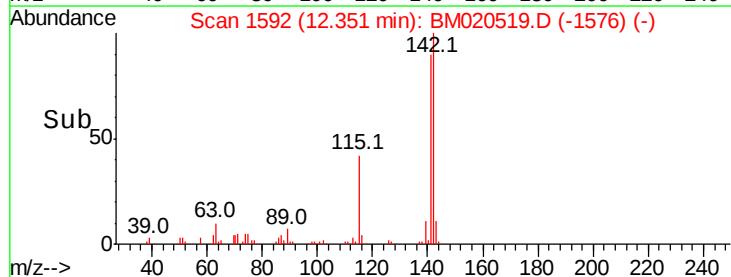
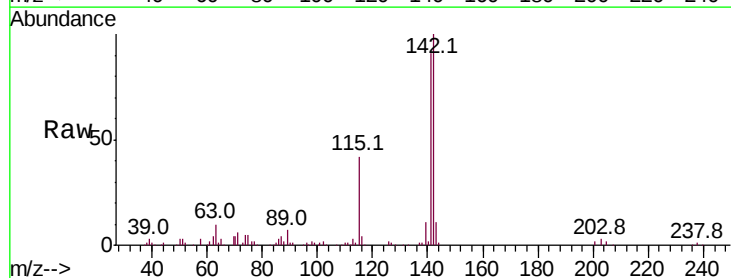
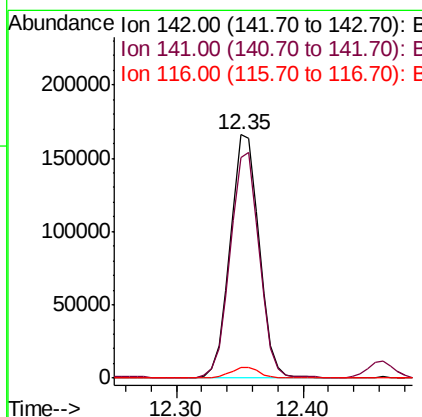
Manual Integrations  
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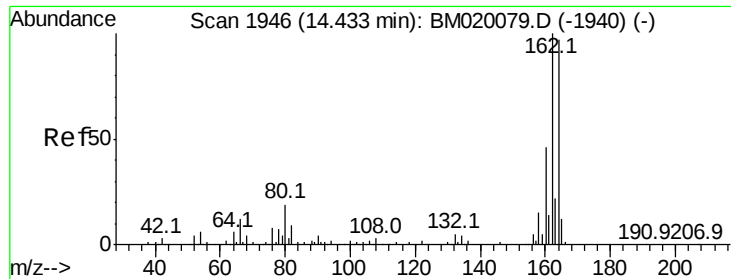
Sohil  
5/24/2019 5:01:37 PM



#38  
1-Methylnaphthalene  
Concen: 36.466 ng  
RT: 12.35 min Scan# 1592  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.7  | 74.8  | 112.2 |
| 116     | 4.5   | 3.9   | 5.9   |





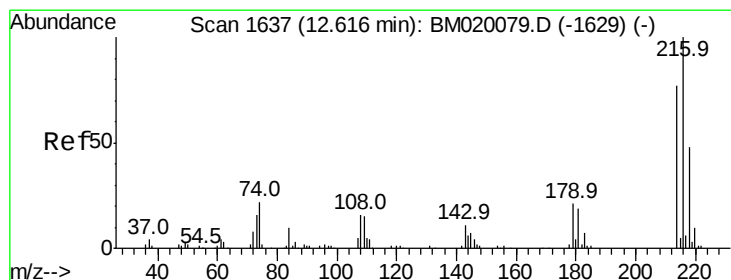
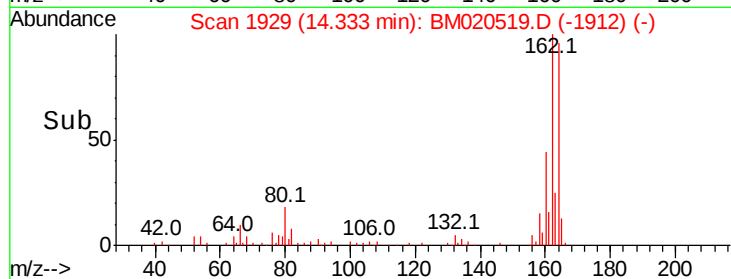
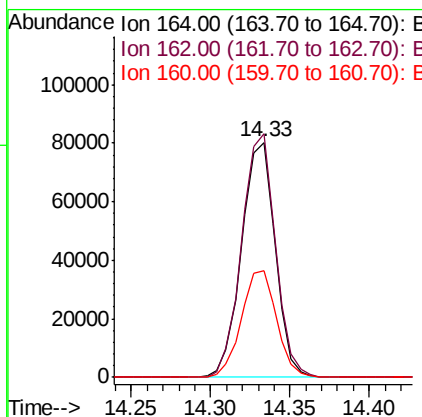
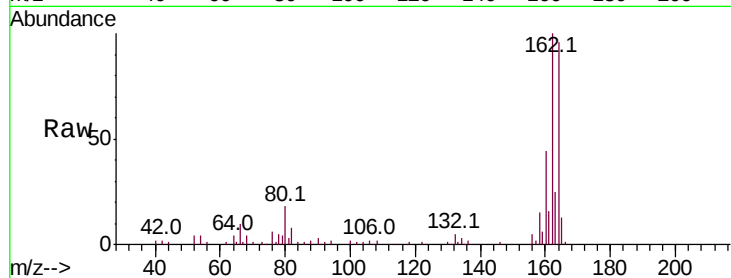
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.33 min Scan# 1929  
 Delta R.T. 0.00 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.7 | 82.2  | 123.2 |
| 160     | 45.2  | 37.6  | 56.4  |

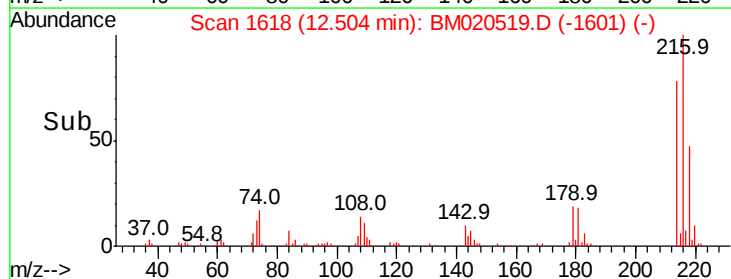
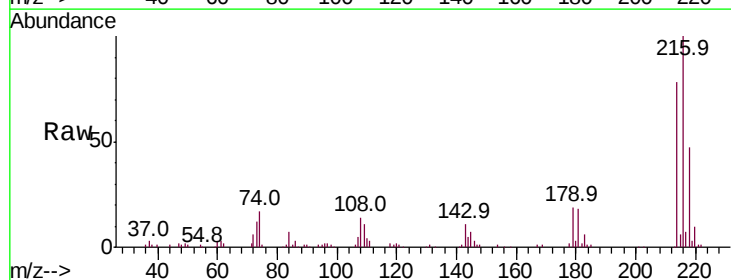
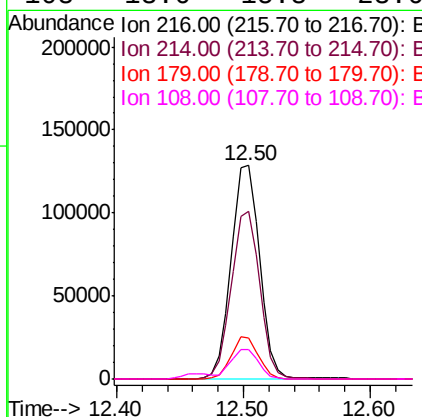
Manual Integrations  
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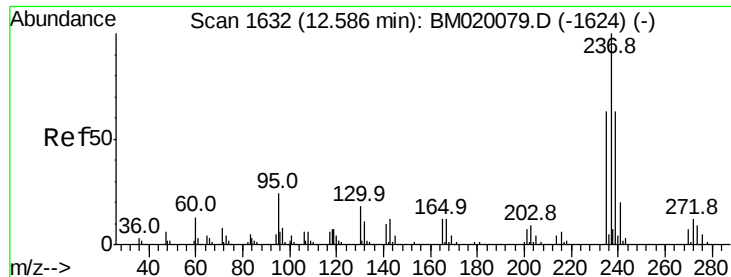
Sohil  
 5/24/2019 5:01:37 PM



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 43.146 ng  
 RT: 12.50 min Scan# 1618  
 Delta R.T. 0.00 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.3  | 62.6  | 94.0  |
| 179     | 18.8  | 17.1  | 25.7  |
| 108     | 13.6  | 15.8  | 23.6# |





#41

Hexachlorocyclopentadiene

Concen: 61.464 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA\_M

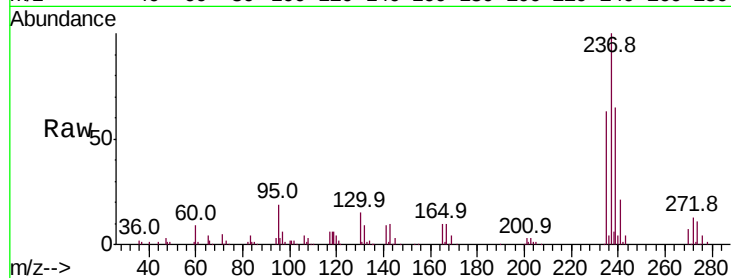
ClientSampleId :

FESB-16(2.4-2.9)MS

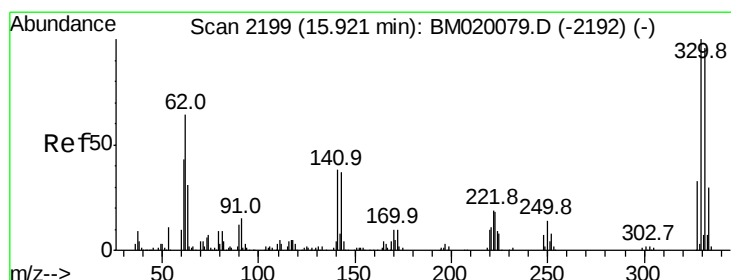
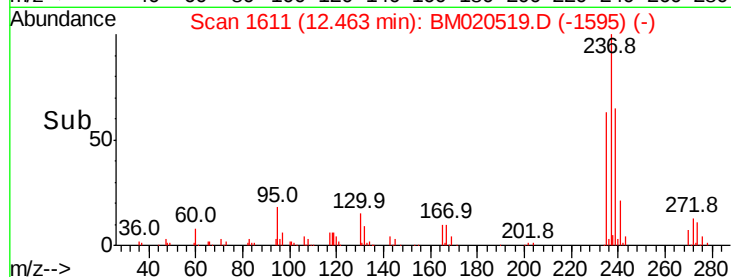
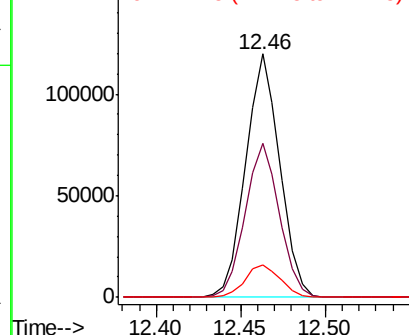
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 168013 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.3  | 43.4  | 83.4   |
| 272       | 13.4  | 0.0   | 31.7   |

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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 132.283 ng

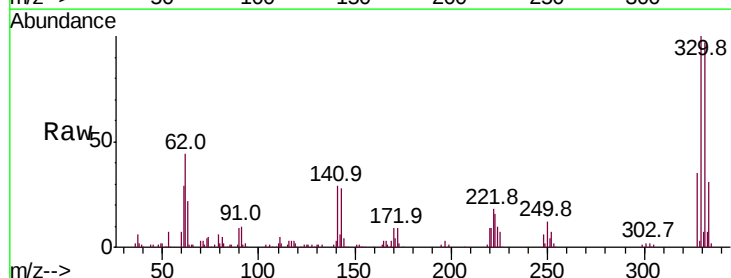
RT: 15.83 min Scan# 2183

Delta R.T. -0.01 min

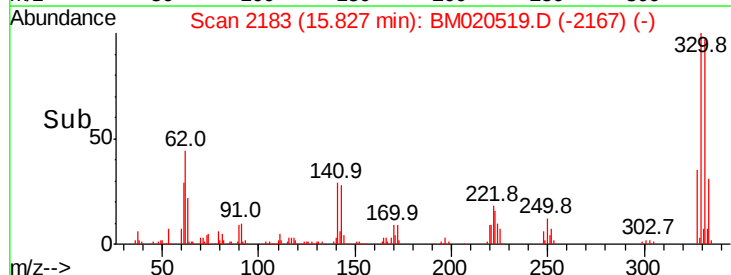
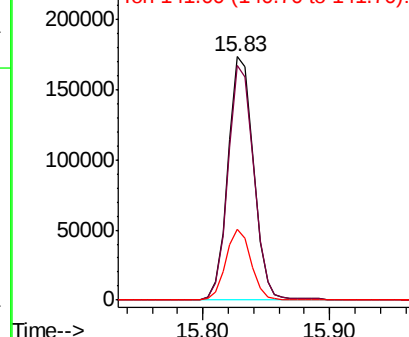
Lab File: BM020519.D

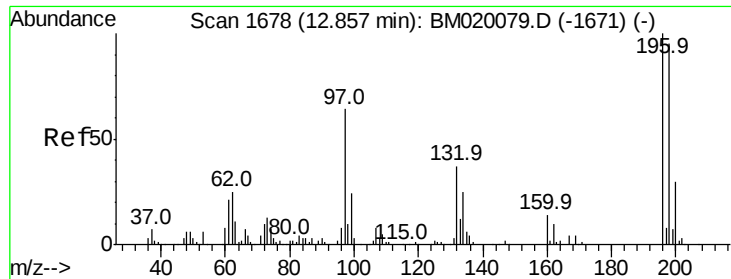
Acq: 23 May 2019 17:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 243644 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.6  | 76.8  | 115.2  |
| 141       | 28.6  | 29.2  | 43.8#  |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





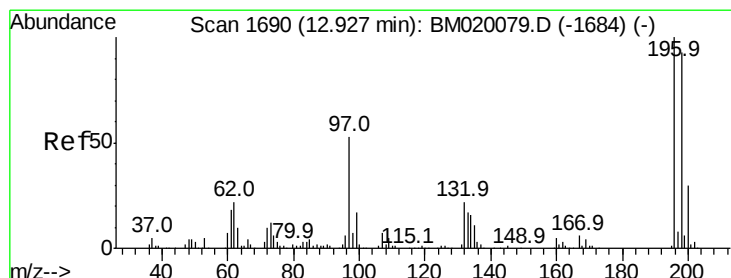
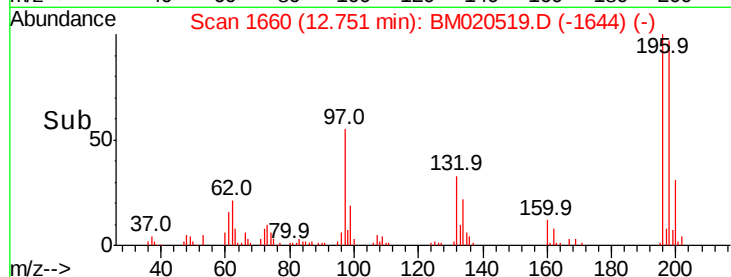
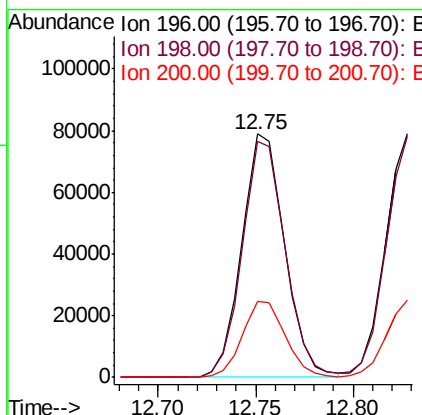
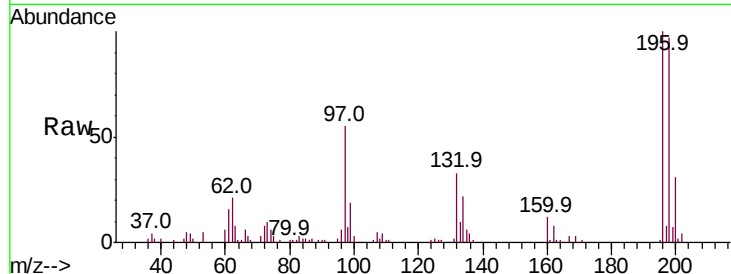
#43  
 2,4,6-Trichlorophenol  
 Concen: 45.553 ng  
 RT: 12.75 min Scan# 1660  
 Delta R.T. -0.01 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

Instrument :  
 BNA\_M  
 ClientSampleID :  
 FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 120190 |       |       |
| 198     | 97.1  | 76.2   | 114.2 |       |
| 200     | 31.3  | 24.3   | 36.5  |       |

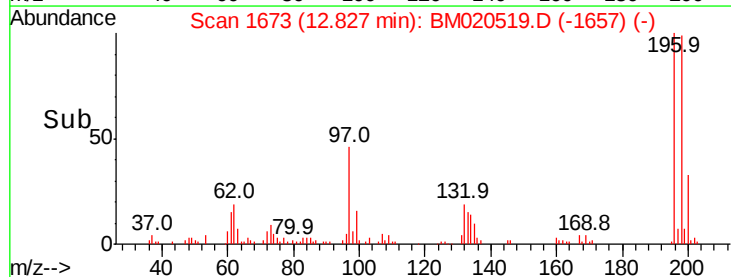
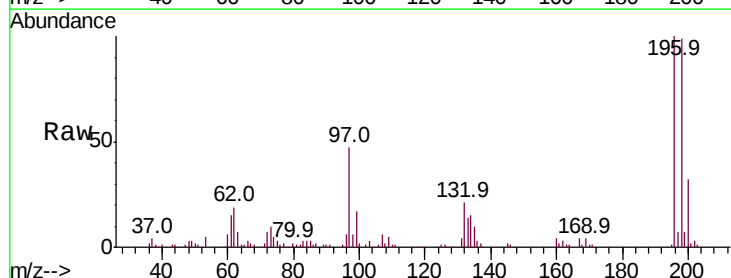
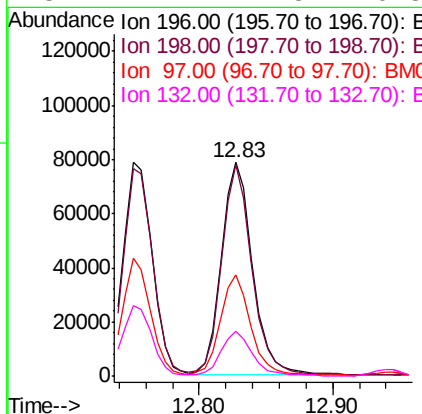
Manual Integrations  
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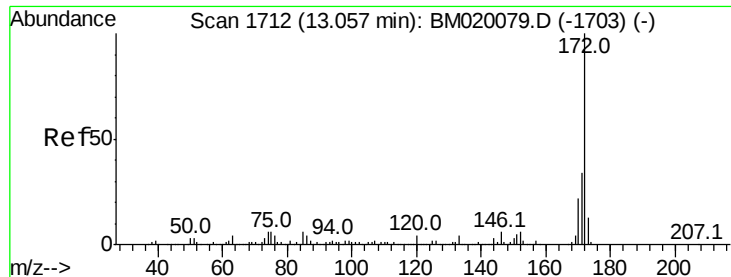
Sohil  
 5/24/2019 5:01:37 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 43.363 ng  
 RT: 12.83 min Scan# 1673  
 Delta R.T. -0.01 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 127812 |       |       |
| 198     | 99.0  | 74.7   | 112.1 |       |
| 97      | 47.4  | 42.2   | 63.4  |       |
| 132     | 21.2  | 17.8   | 26.8  |       |





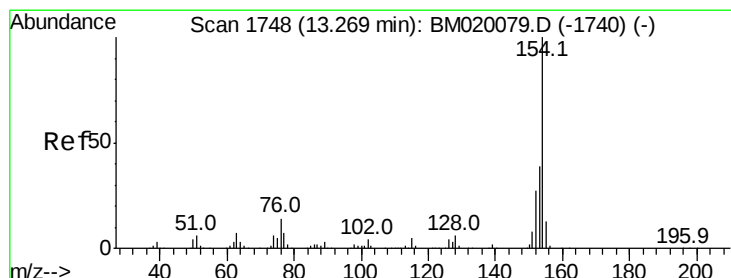
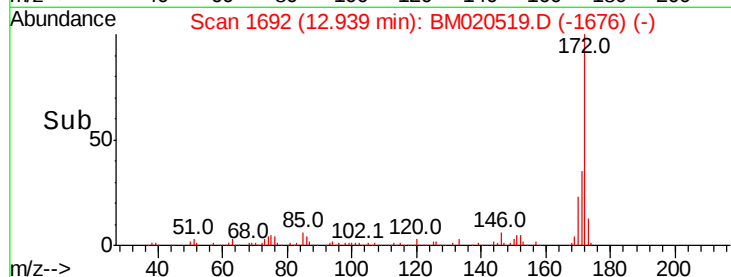
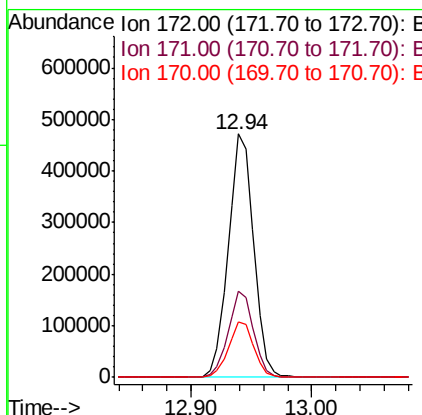
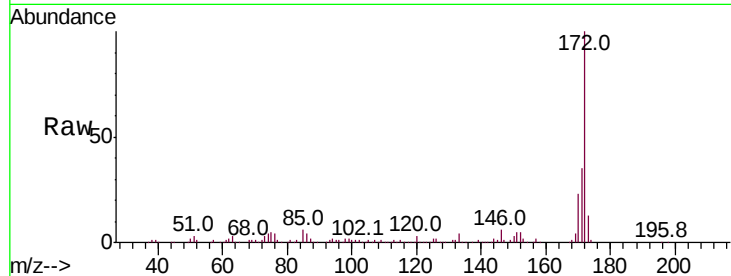
#45  
2-Fluorobiphenyl  
Concen: 71.174 ng  
RT: 12.94 min Scan# 1692  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.4  | 27.3  | 40.9  |
| 170     | 22.9  | 17.9  | 26.9  |

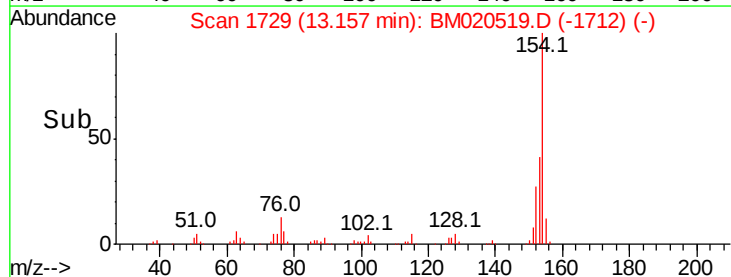
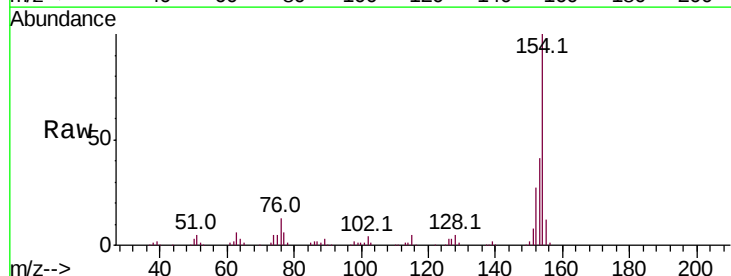
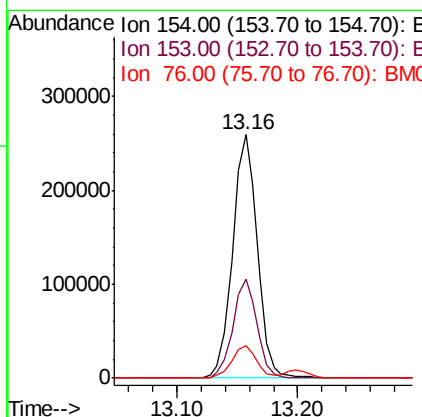
Manual Integrations  
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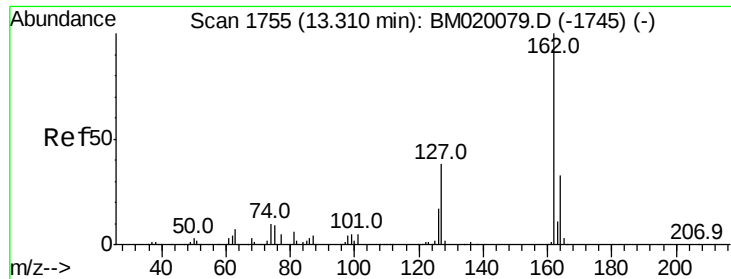
Sohil  
5/24/2019 5:01:37 PM



#46  
1,1'-Biphenyl  
Concen: 37.791 ng  
RT: 13.16 min Scan# 1729  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.8  | 19.4  | 59.4  |
| 76      | 13.2  | 0.0   | 34.5  |





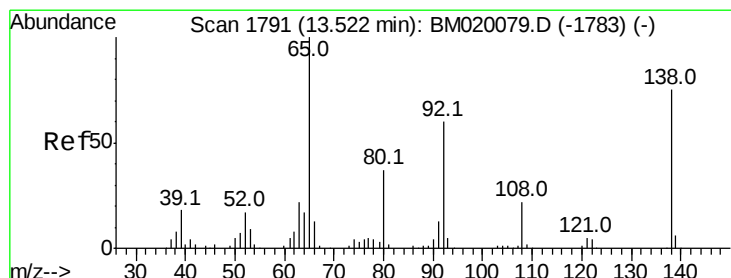
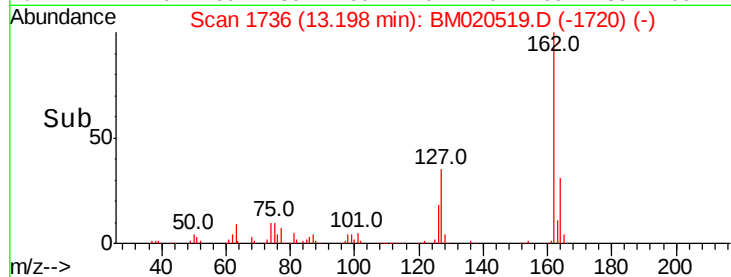
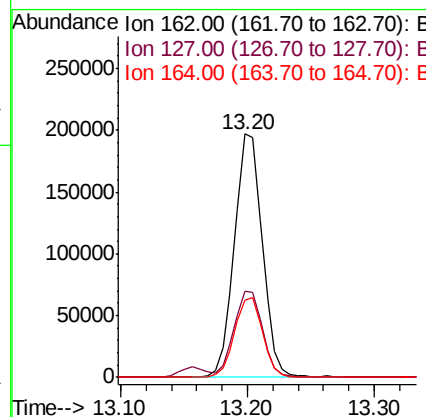
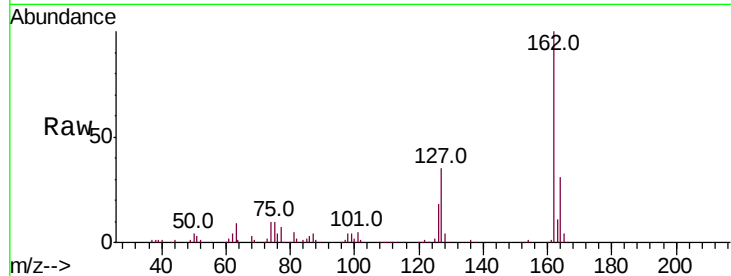
#47  
2-Chloronaphthalene  
Concen: 38.503 ng  
RT: 13.20 min Scan# 1736  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 300251 |       |       |
| 127     | 35.4  |        | 31.0  | 46.4  |
| 164     | 31.5  |        | 26.2  | 39.2  |

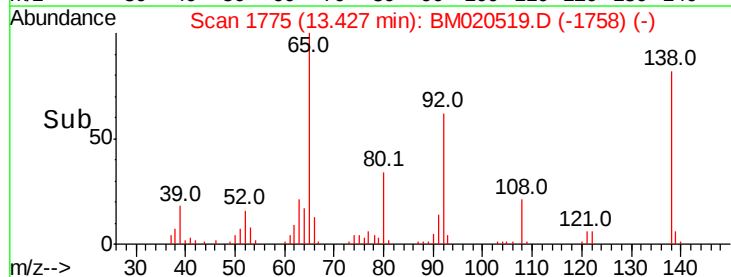
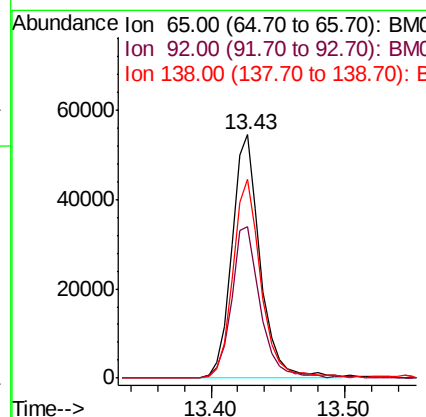
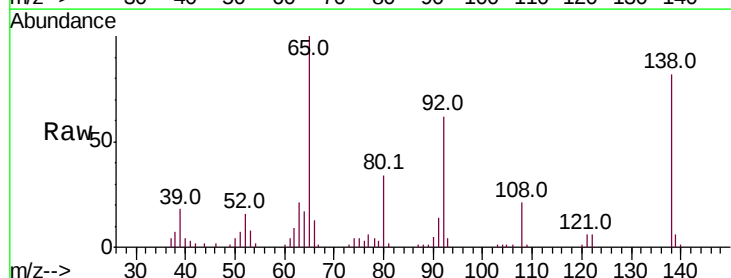
Manual Integrations  
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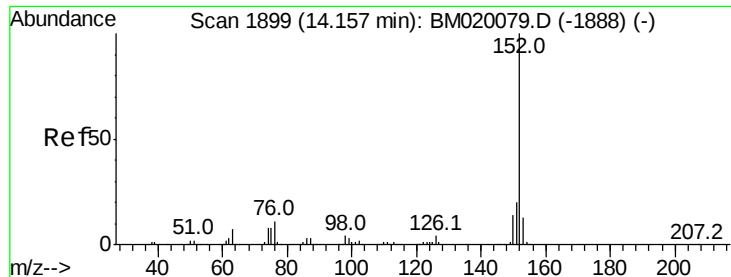
Sohil  
5/24/2019 5:01:37 PM



#48  
2-Nitroaniline  
Concen: 29.202 ng  
RT: 13.43 min Scan# 1775  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 81071 |       |       |
| 92      | 62.2  |       | 48.2  | 72.4  |
| 138     | 81.7  |       | 60.3  | 90.5  |





#49

Acenaphthylene

Concen: 36.049 ng

RT: 14.05 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA\_M

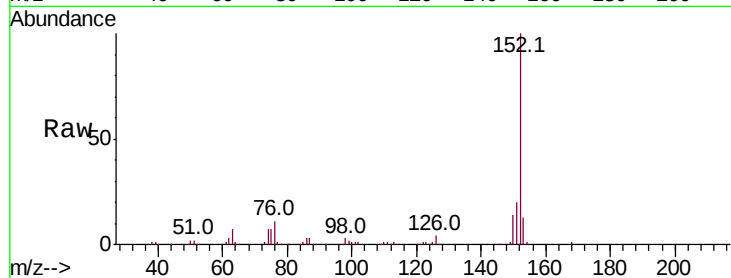
ClientSampleId :

FESB-16(2.4-2.9)MS

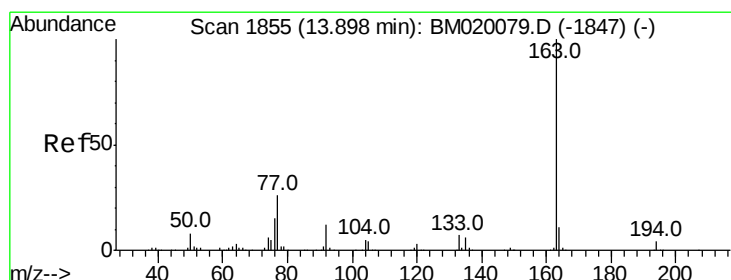
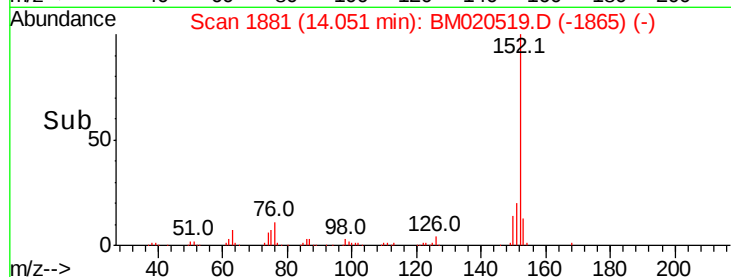
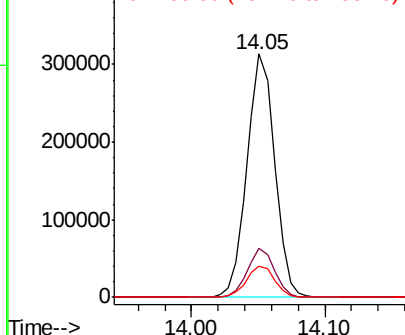
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 449893 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.2  | 16.2  | 24.2   |
| 153       | 13.0  | 10.6  | 16.0   |

Manual Integrations  
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.878 ng

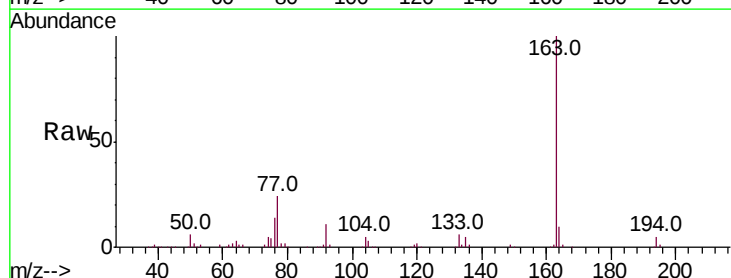
RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

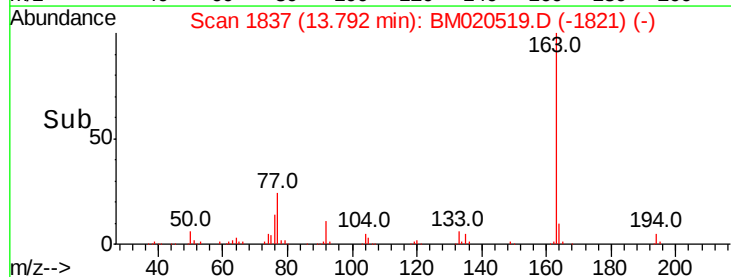
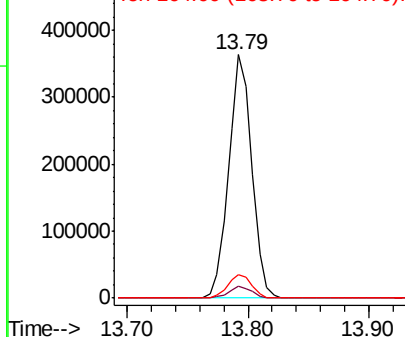
Lab File: BM020519.D

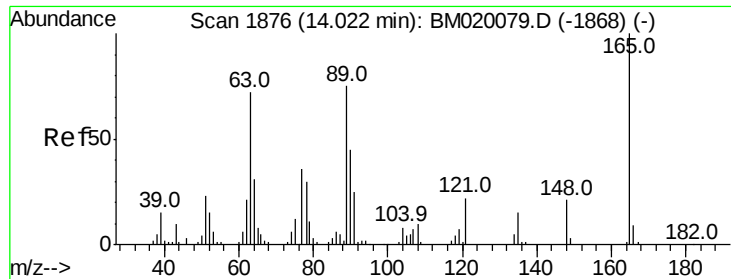
Acq: 23 May 2019 17:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 482858 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.9   | 3.6   | 5.4    |
| 164       | 9.7   | 8.4   | 12.6   |



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





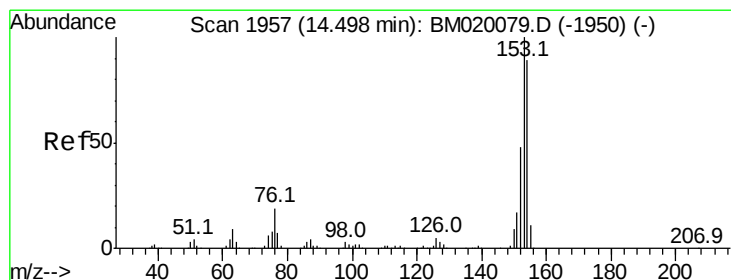
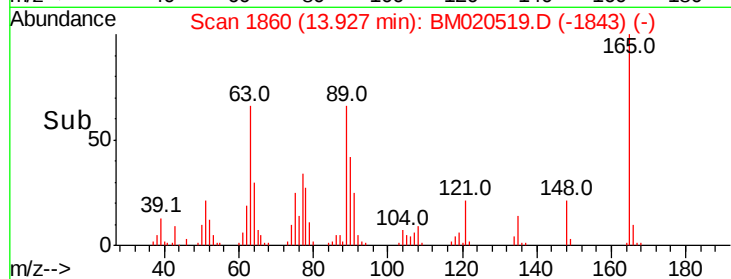
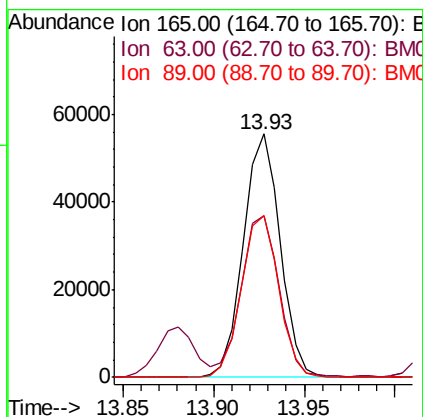
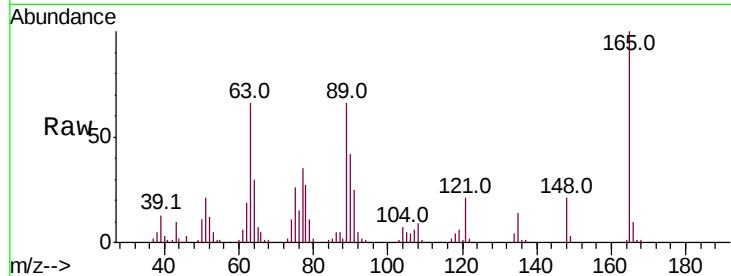
#51  
 2,6-Dinitrotoluene  
 Concen: 36.874 ng  
 RT: 13.93 min Scan# 1860  
 Delta R.T. 0.00 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 66.3  | 60.3  | 90.5  |
| 89      | 66.2  | 59.8  | 89.6  |

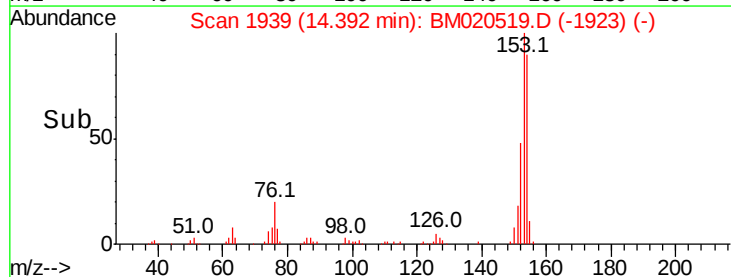
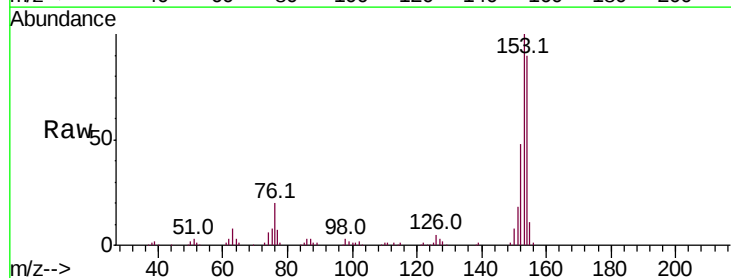
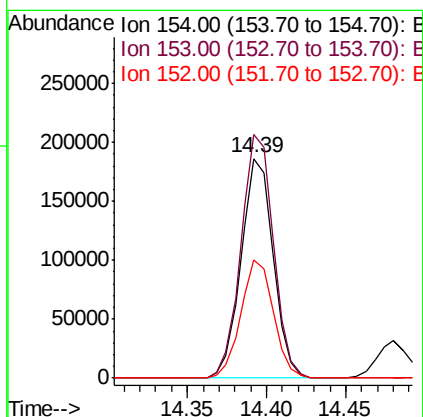
Manual Integrations  
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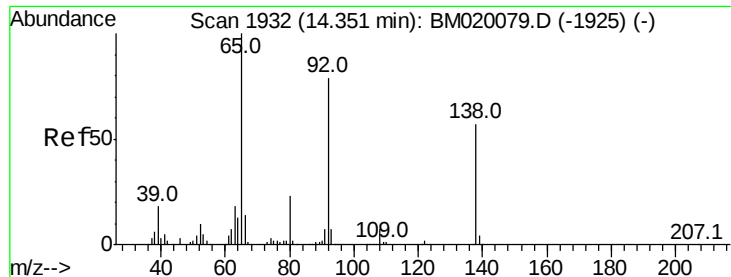
Sohil  
 5/24/2019 5:01:37 PM



#52  
 Acenaphthene  
 Concen: 36.692 ng  
 RT: 14.39 min Scan# 1939  
 Delta R.T. -0.01 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.0 | 90.2  | 135.2 |
| 152     | 53.7  | 43.0  | 64.4  |





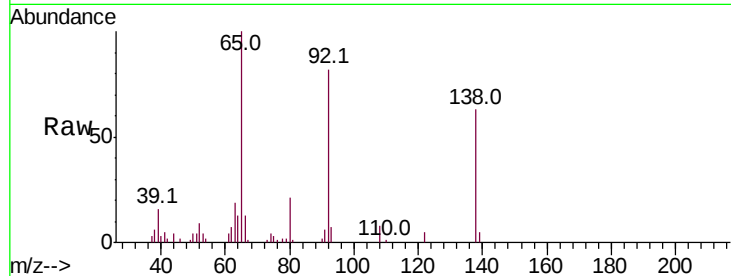
#53  
3-Nitroaniline  
Concen: 15.439 ng  
RT: 14.26 min Scan# 1917  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

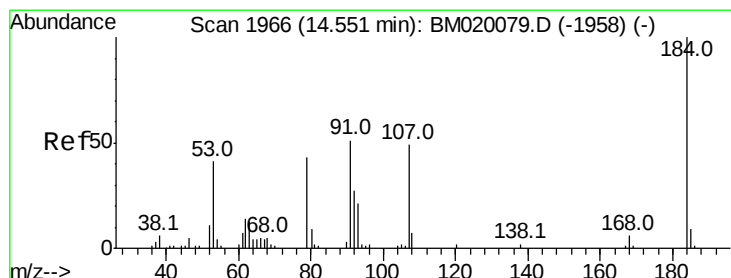
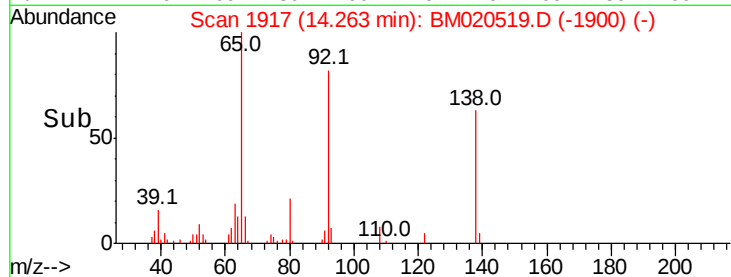
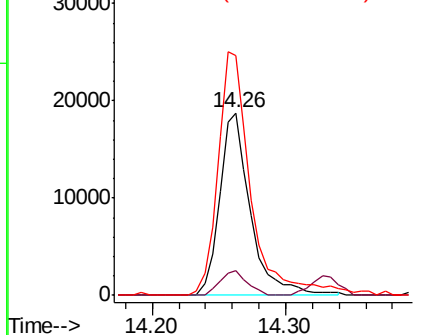
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 13.5  | 10.4  | 15.6  |
| 92      | 131.6 | 111.3 | 166.9 |

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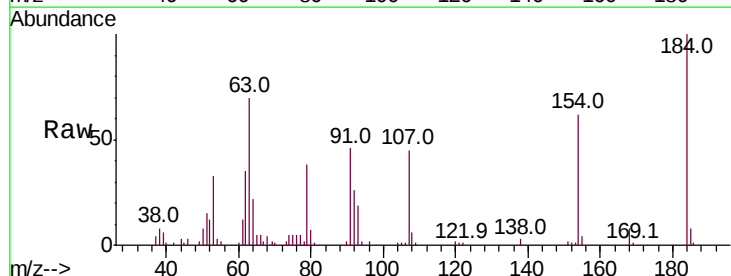


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BM

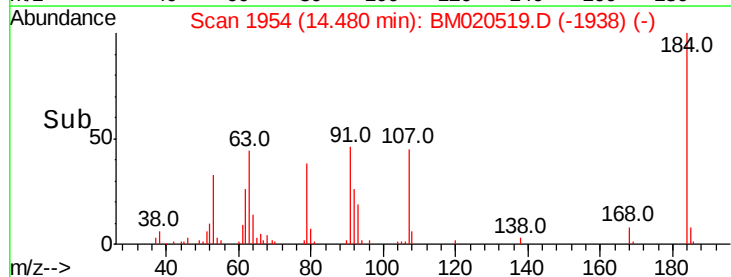
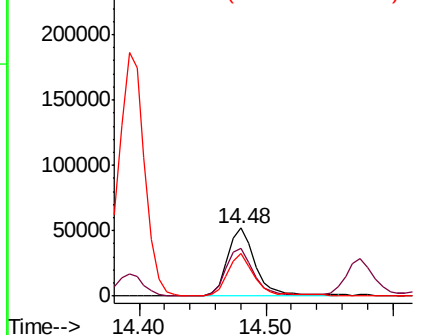


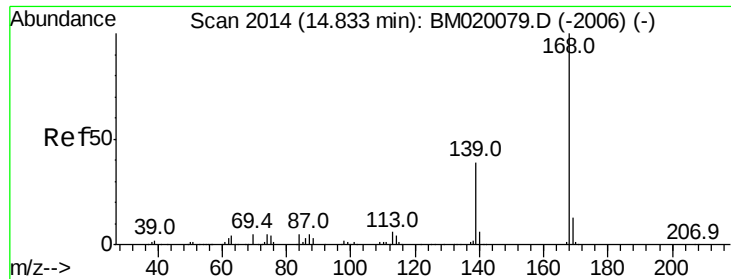
#54  
2,4-Dinitrophenol  
Concen: 75.164 ng  
RT: 14.48 min Scan# 1954  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 70.5  | 68.9  | 103.3 |
| 154     | 62.1  | 54.4  | 81.6  |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BM  
Ion 154.00 (153.70 to 154.70): E





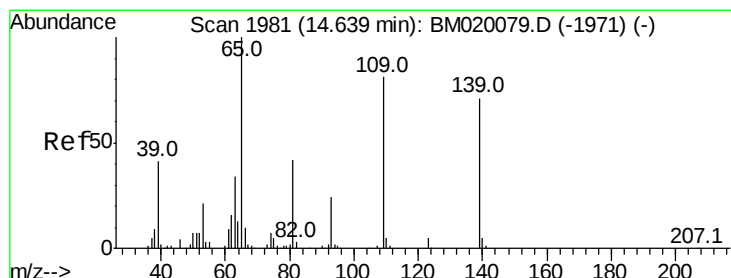
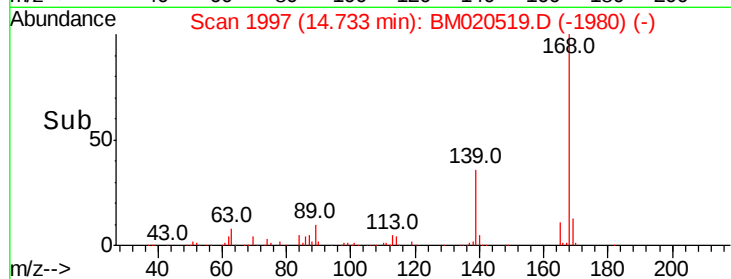
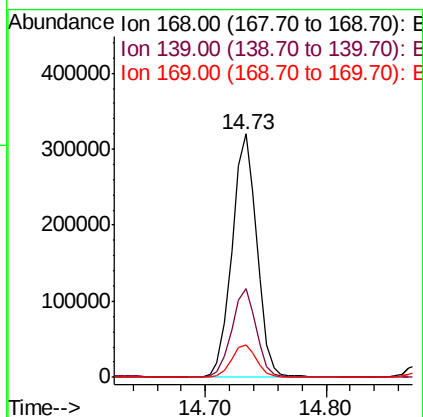
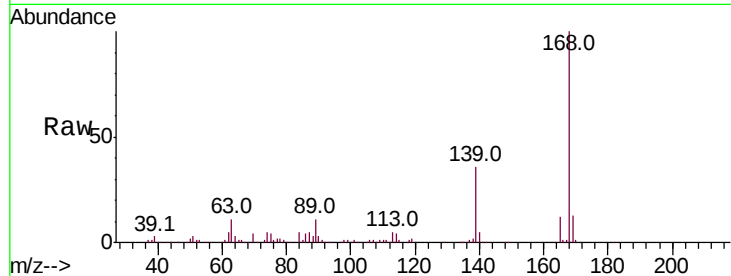
#55  
Dibenzenofuran  
Concen: 38.086 ng  
RT: 14.73 min Scan# 1997  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.3  | 31.1  | 46.7  |
| 169     | 13.2  | 10.6  | 16.0  |

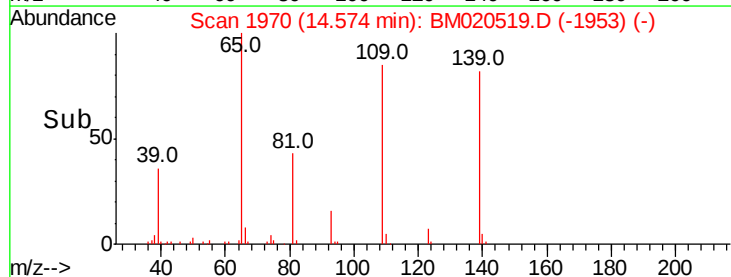
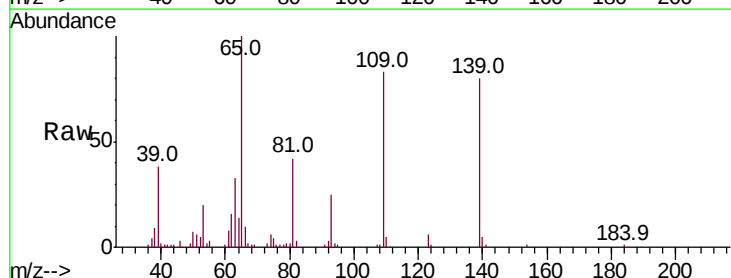
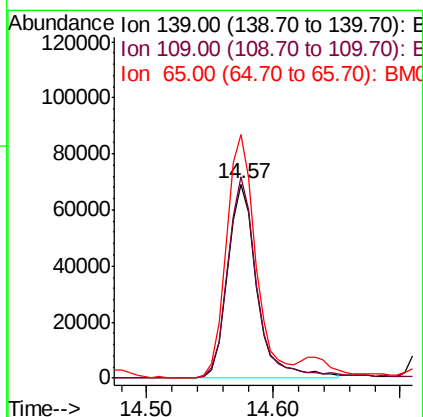
Manual Integrations  
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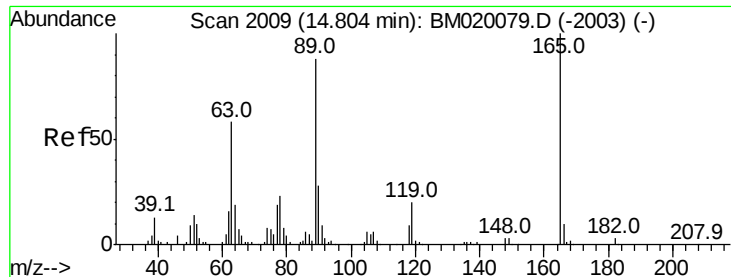
Sohil  
5/24/2019 5:01:37 PM



#56  
4-Nitrophenol  
Concen: 65.954 ng  
RT: 14.57 min Scan# 1970  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 103.5 | 94.1  | 134.1 |
| 65      | 125.4 | 120.9 | 160.9 |





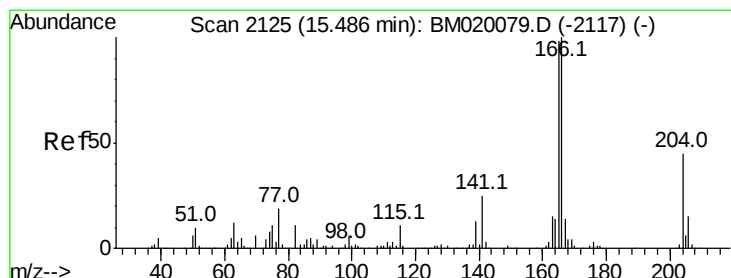
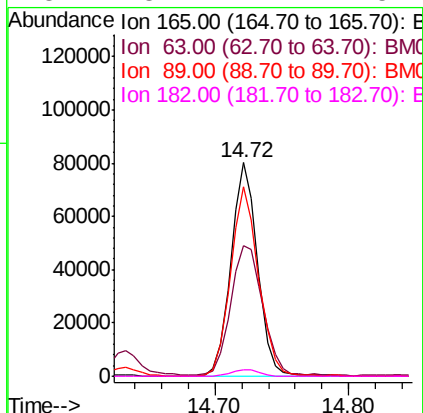
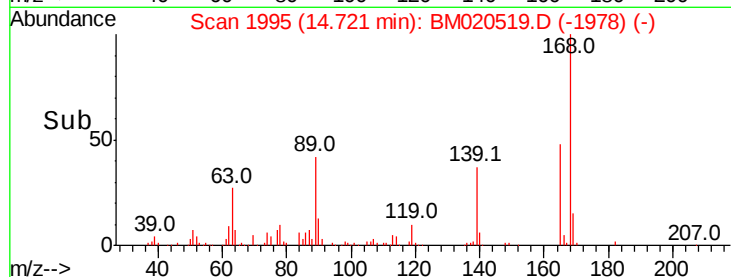
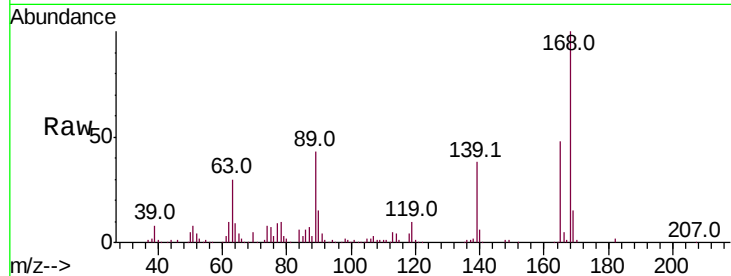
#57  
 2,4-Dinitrotoluene  
 Concen: 38.506 ng  
 RT: 14.72 min Scan# 1995  
 Delta R.T. 0.00 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 61.3  | 46.2  | 69.2  |
| 89      | 88.5  | 70.6  | 105.8 |
| 182     | 3.2   | 2.2   | 3.2   |

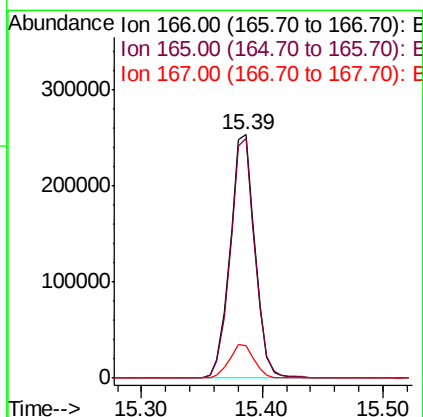
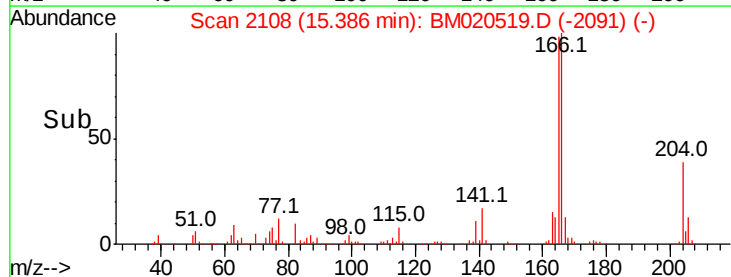
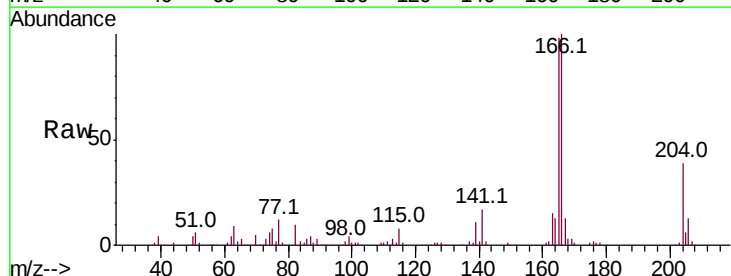
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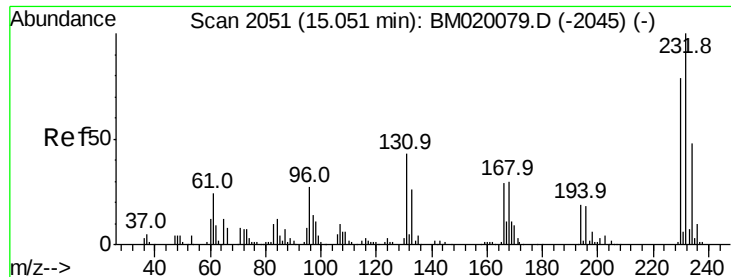
Sohil  
 5/24/2019 5:01:37 PM



#58  
 Fluorene  
 Concen: 36.603 ng  
 RT: 15.39 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.5  | 78.2  | 117.2 |
| 167     | 13.1  | 11.0  | 16.4  |





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.448 ng

RT: 14.96 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA\_M

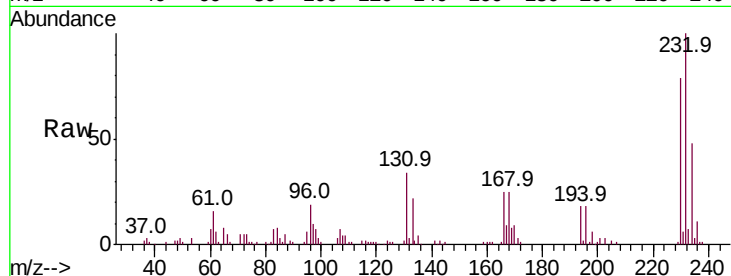
ClientSampleId :

FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 124500 |       |       |
| 131     | 36.3  |        | 34.2  | 51.4  |
| 130     | 2.0   |        | 2.0   | 3.0   |
| 166     | 26.2  |        | 23.8  | 35.8  |

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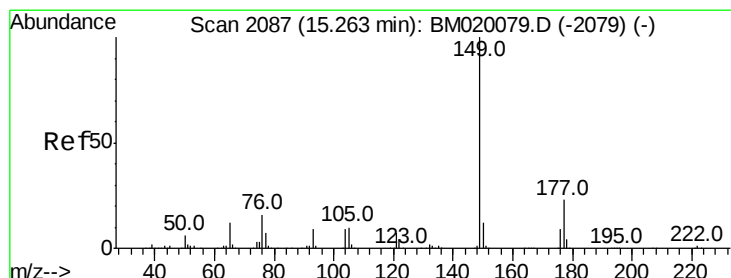
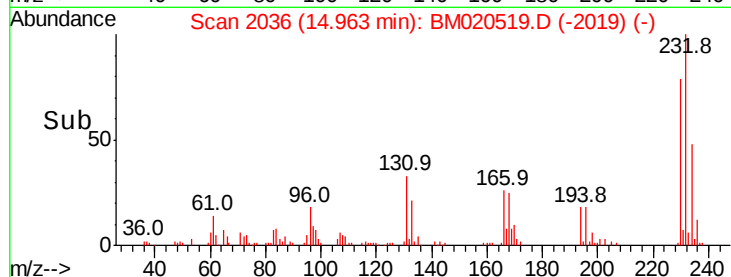
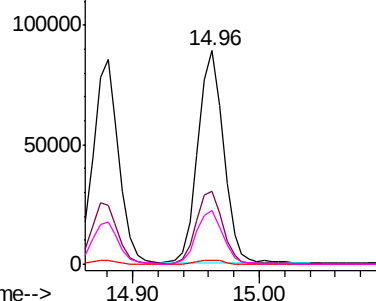
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 34.832 ng

RT: 15.16 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

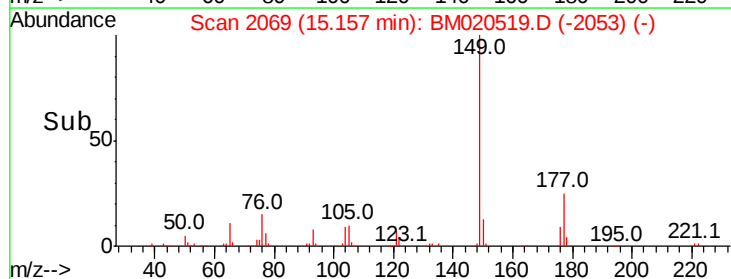
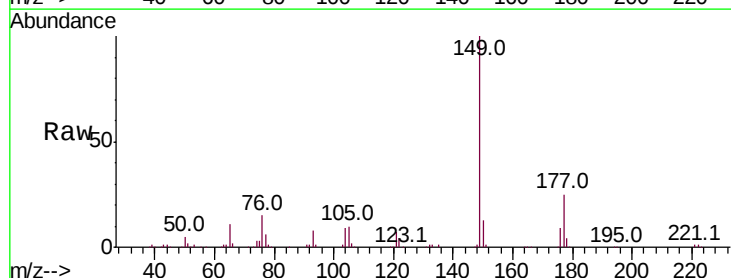
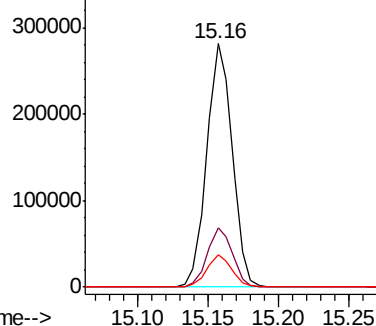
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 353919 |       |       |
| 177     | 24.6  |        | 18.2  | 27.4  |
| 150     | 13.1  |        | 9.9   | 14.9  |

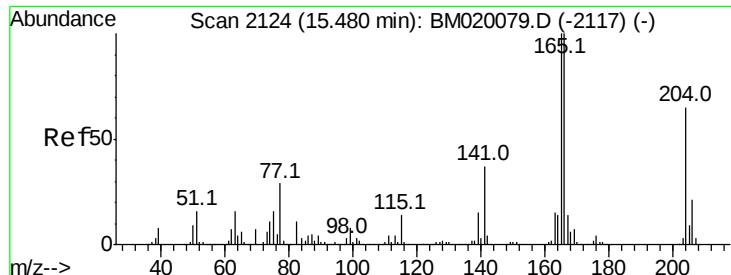
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





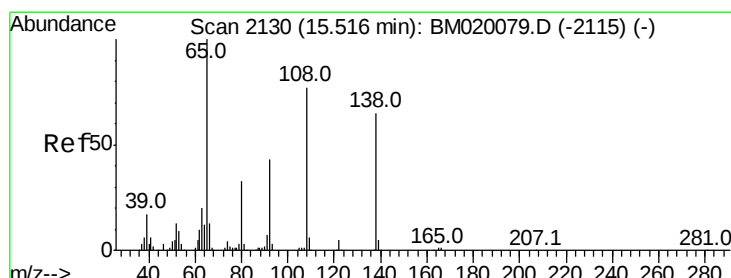
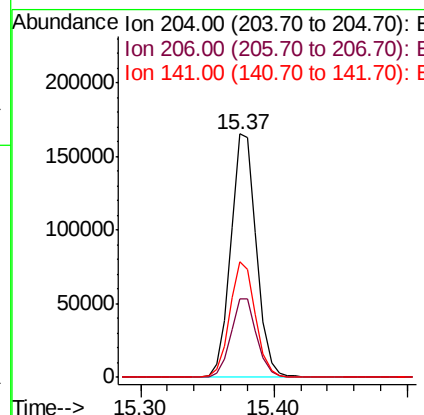
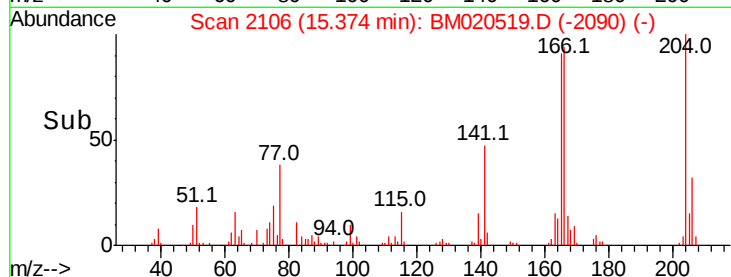
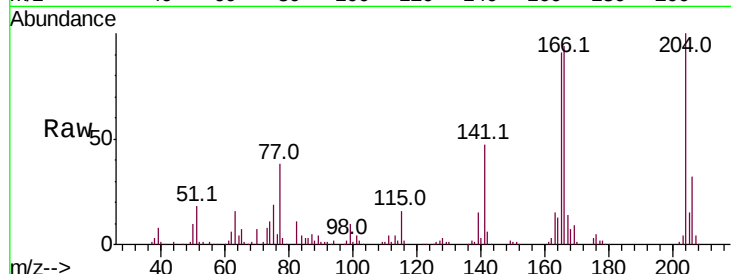
#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.843 ng  
 RT: 15.37 min Scan# 2106  
 Delta R.T. -0.01 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.5  | 25.6  | 38.4  |
| 141     | 47.3  | 46.1  | 69.1  |

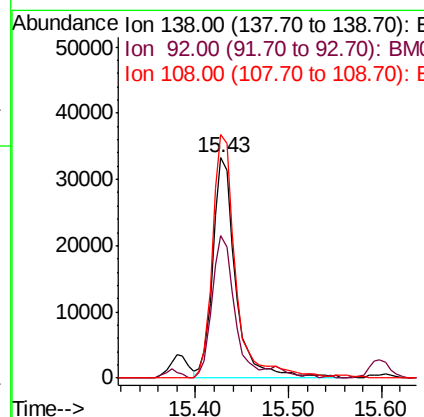
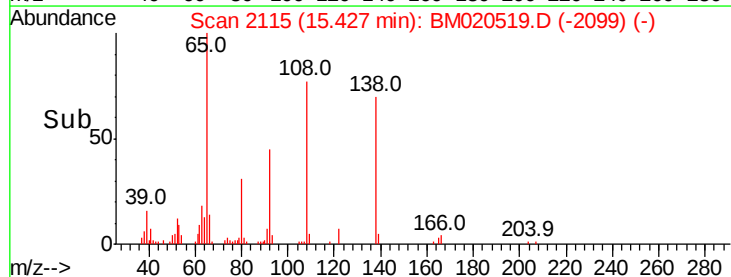
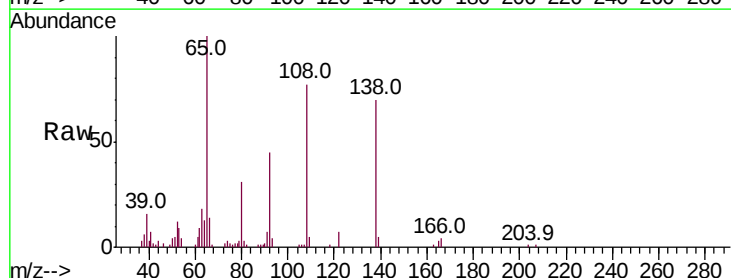
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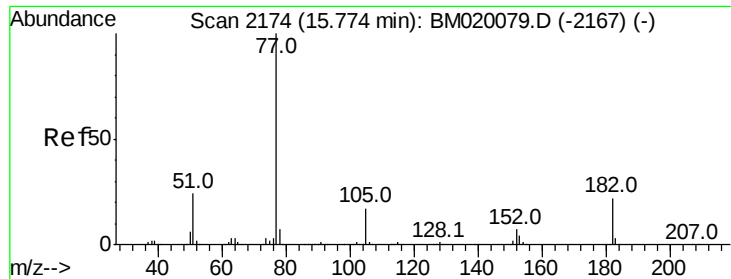
Sohil  
 5/24/2019 5:01:37 PM



#62  
 4-Nitroaniline  
 Concen: 26.134 ng m  
 RT: 15.43 min Scan# 2115  
 Delta R.T. -0.01 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 64.9  | 45.9  | 85.9  |
| 108     | 110.6 | 97.7  | 137.7 |





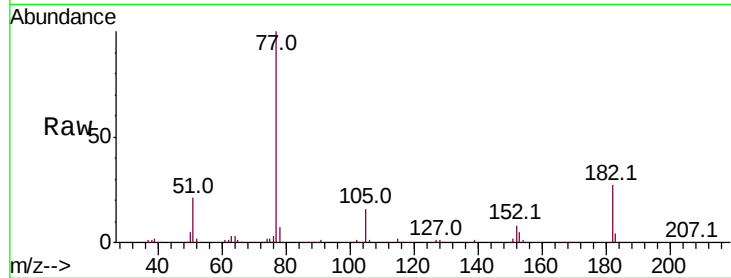
#63  
Azobenzene  
Concen: 32.145 ng  
RT: 15.67 min Scan# 2157  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 77      | 100  |       |      |       |       |
| 182     | 26.7 | 2.1   | 42.1 |       |       |
| 105     | 16.3 | 0.0   | 36.8 |       |       |
| 51      | 21.4 | 3.8   | 43.8 |       |       |

Manual Integrations  
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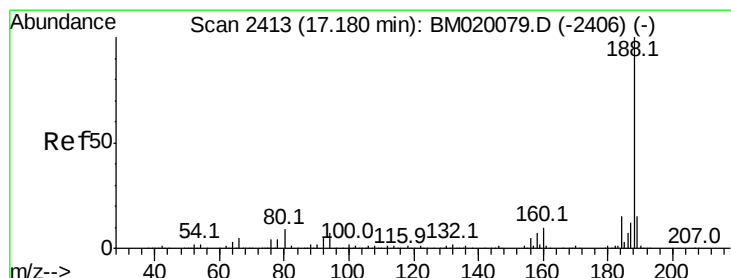
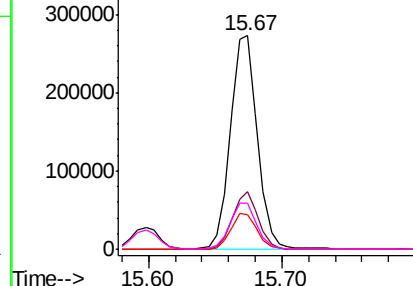
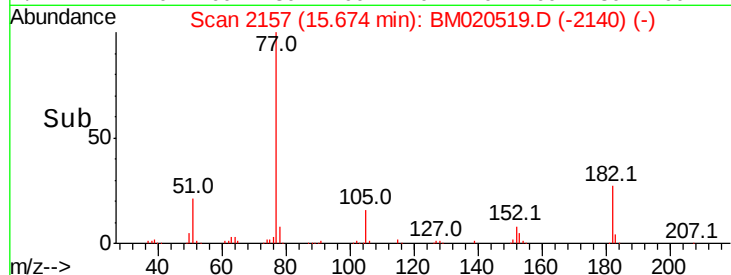


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-2167) (-)

Ion 182.00 (181.70 to 182.70): BM020079.D (-2167) (-)

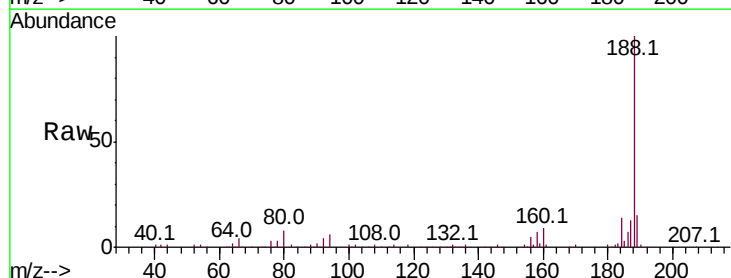
Ion 105.00 (104.70 to 105.70): BM020079.D (-2167) (-)

Ion 51.00 (50.70 to 51.70): BM020079.D (-2167) (-)



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.09 min Scan# 2397  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

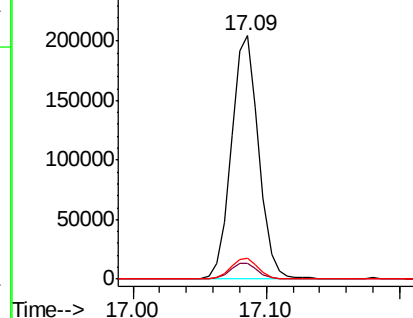
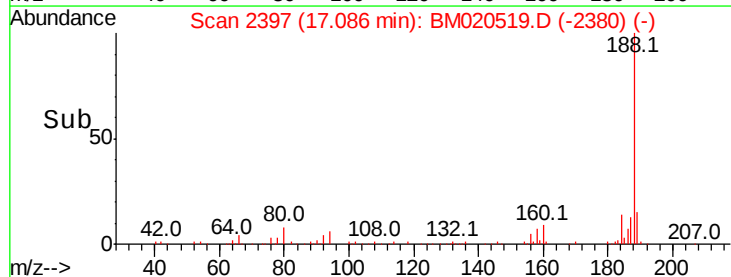
| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 188     | 100 |       |      |       |       |
| 94      | 6.5 | 5.8   | 8.6  |       |       |
| 80      | 8.4 | 7.4   | 11.2 |       |       |

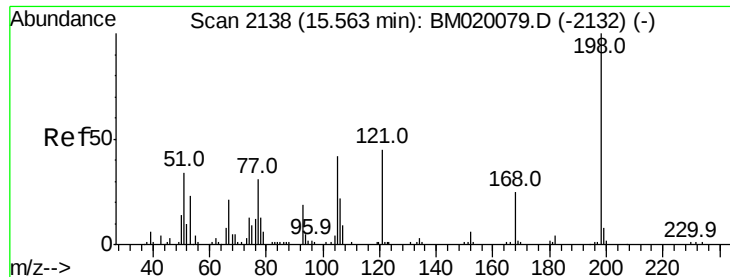


Abundance Ion 188.00 (187.70 to 188.70): BM020079.D (-2406) (-)

Ion 94.00 (93.70 to 94.70): BM020079.D (-2406) (-)

Ion 80.00 (79.70 to 80.70): BM020079.D (-2406) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 40.684 ng

RT: 15.49 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA\_M

ClientSampleId :

FESB-16(2.4-2.9)MS

Tot Ion:198 Resp: 58268

Ion Ratio Lower Upper

198 100

51 31.2 16.5 56.5

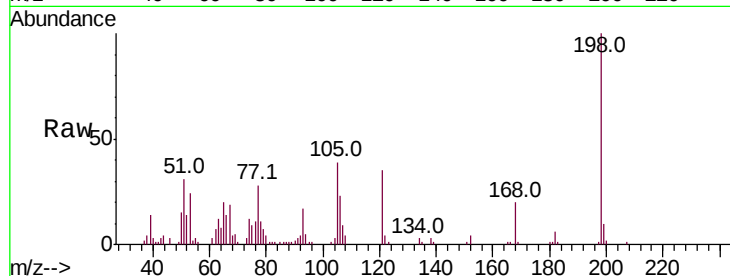
105 39.4 22.8 62.8

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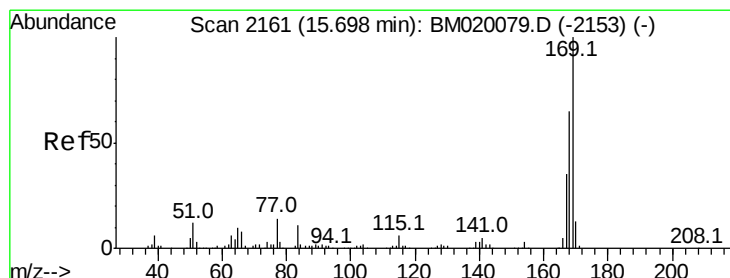
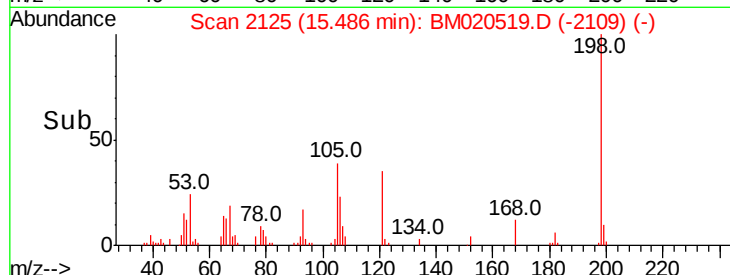
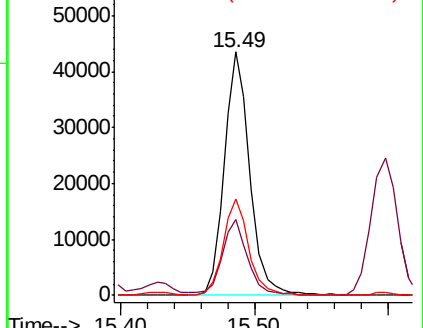
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.714 ng

RT: 15.60 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

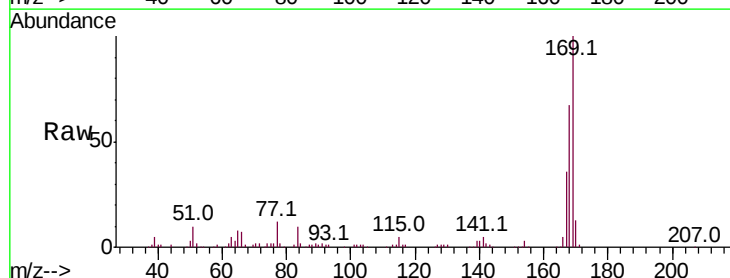
Tgt Ion:169 Resp: 316642

Ion Ratio Lower Upper

169 100

168 67.0 51.9 77.9

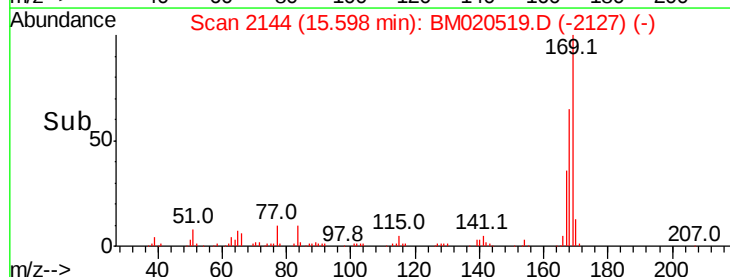
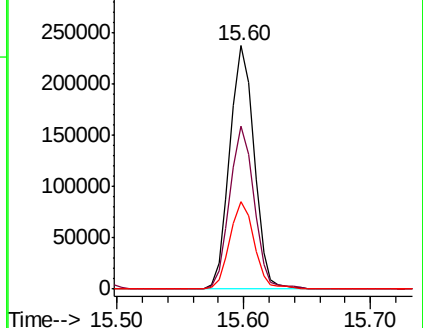
167 36.2 27.8 41.6

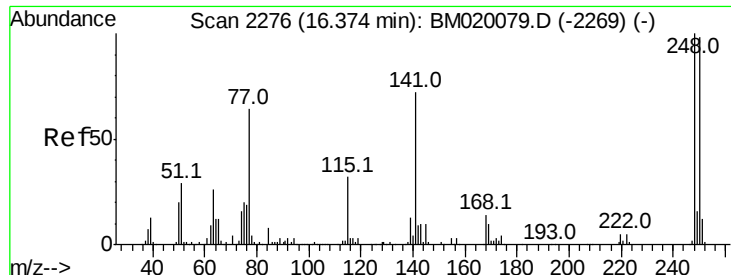


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





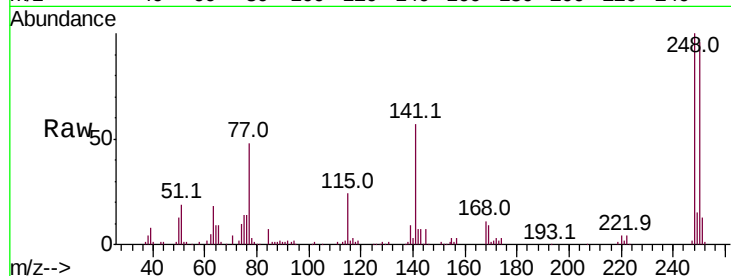
#67  
 4-Bromophenyl-phenylether  
 Concen: 39.603 ng  
 RT: 16.27 min Scan# 2259  
 Delta R.T. 0.00 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.4  | 78.4  | 117.6 |
| 141     | 56.8  | 57.4  | 86.2# |

Manual Integrations  
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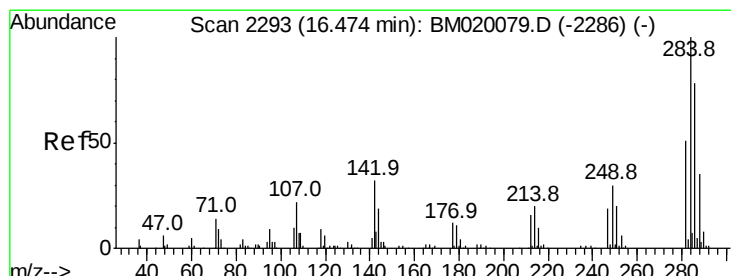
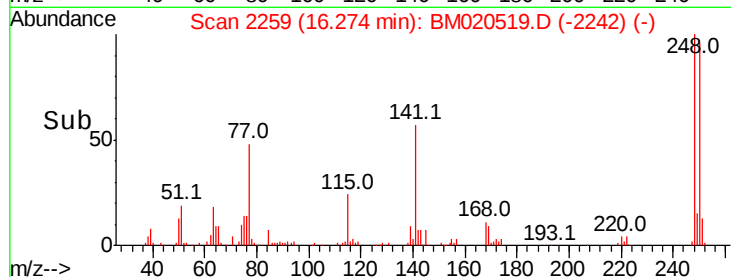
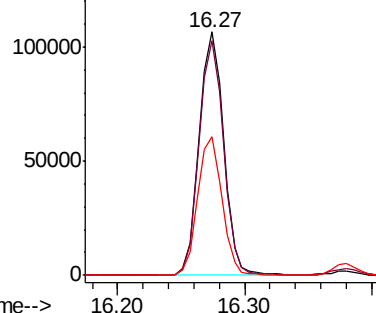


Abundance

Ion 248.00 (247.70 to 248.70): E

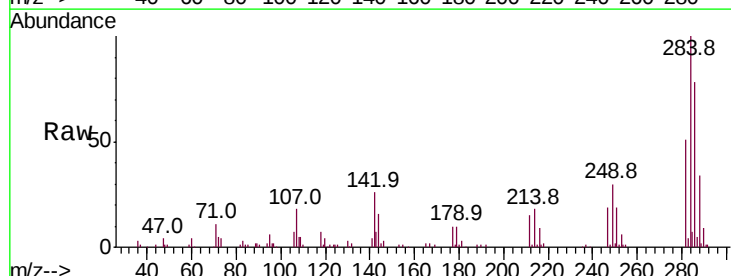
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 40.177 ng  
 RT: 16.38 min Scan# 2277  
 Delta R.T. 0.00 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 26.4  | 25.2  | 37.8  |
| 249     | 30.4  | 23.6  | 35.4  |

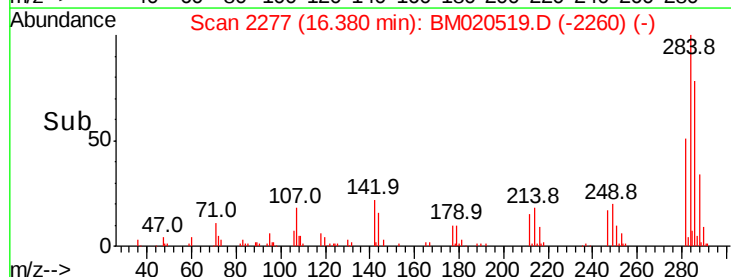
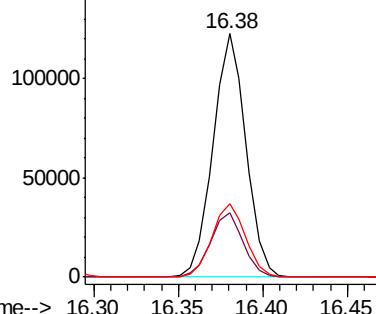


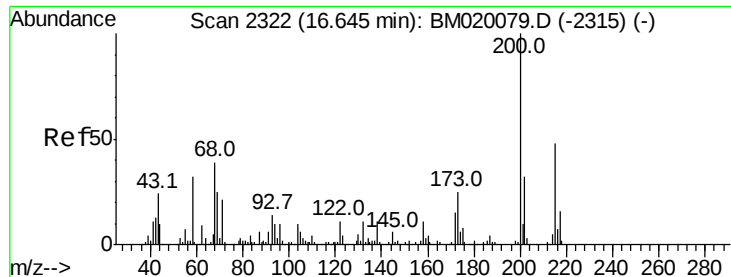
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





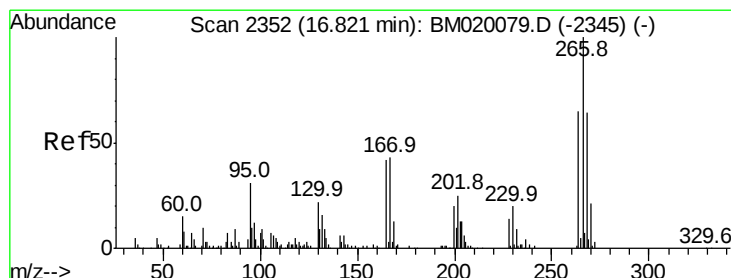
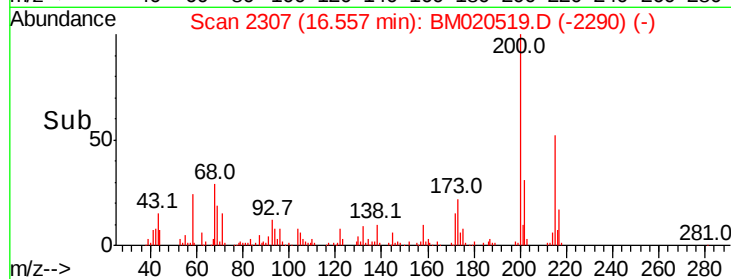
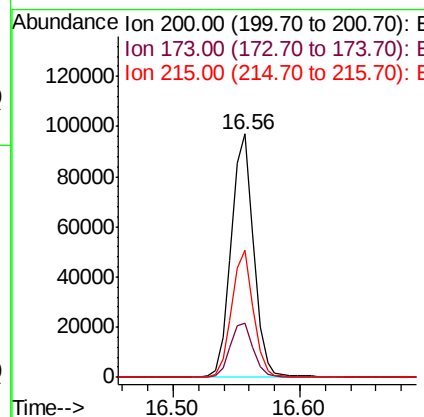
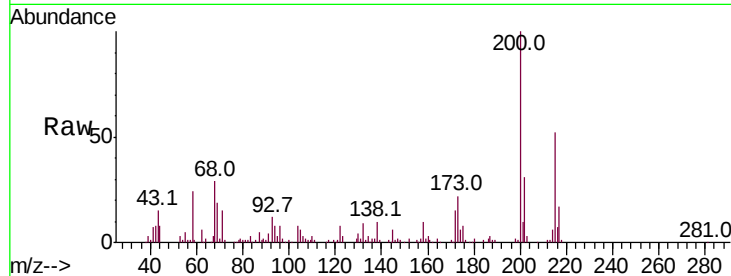
#69  
Atrazine  
Concen: 35.295 ng  
RT: 16.56 min Scan# 2307  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 22.1  | 4.6  | 44.6  |       |
| 215     | 52.1  | 28.0 | 68.0  |       |

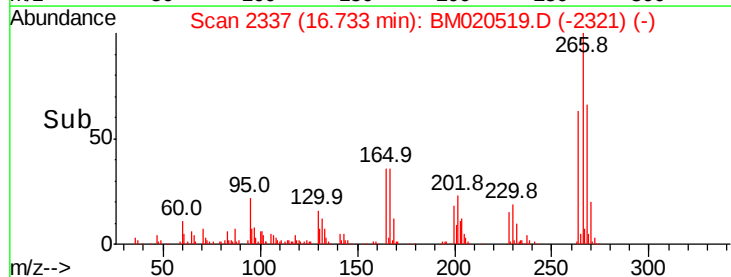
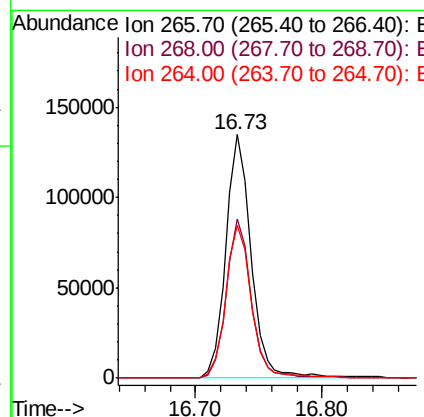
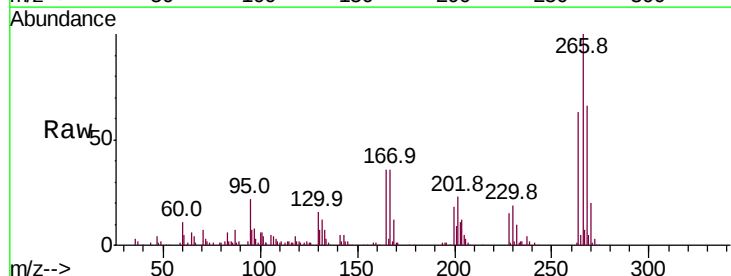
Manual Integrations  
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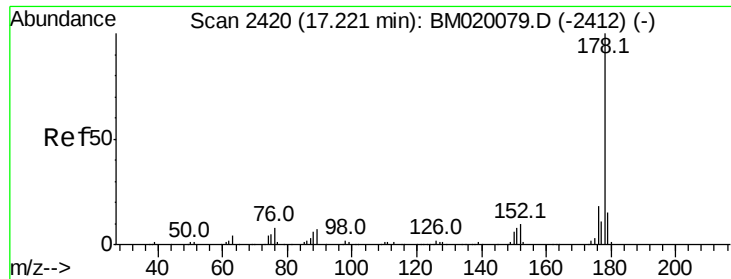
Sohil  
5/24/2019 5:01:37 PM



#70  
Pentachlorophenol  
Concen: 78.948 ng  
RT: 16.73 min Scan# 2337  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 266     | 100   |      |       |       |
| 268     | 65.6  | 51.4 | 77.0  |       |
| 264     | 62.8  | 52.0 | 78.0  |       |





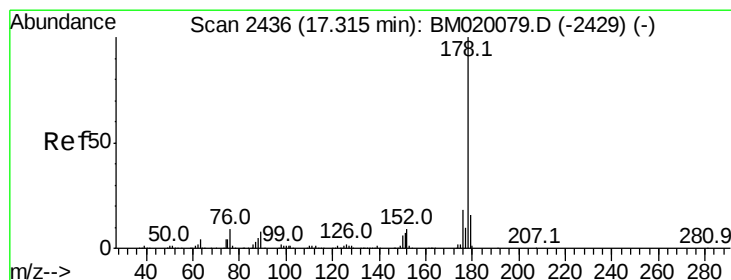
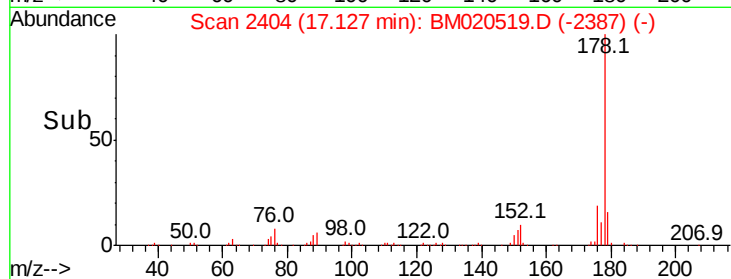
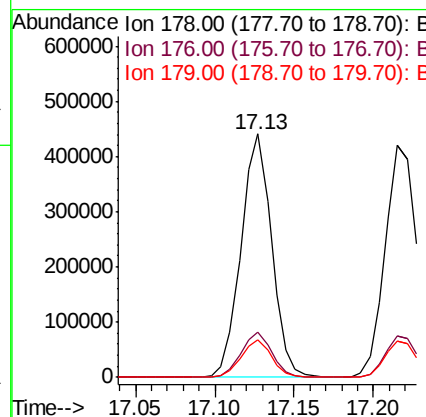
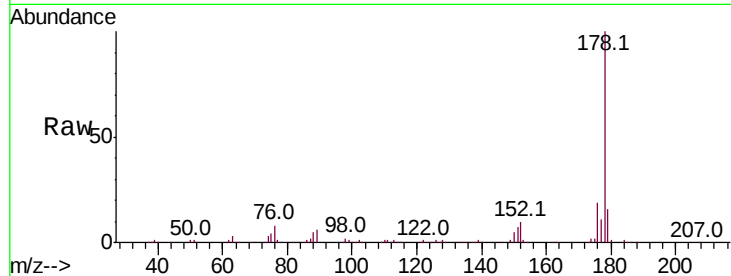
#71  
Phenanthrene  
Concen: 36.549 ng  
RT: 17.13 min Scan# 2404  
Delta R.T. 0.00 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 14.6  | 21.8  |
| 179     | 15.5  | 12.4  | 18.6  |

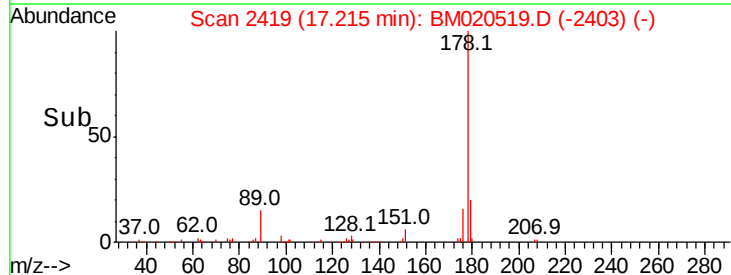
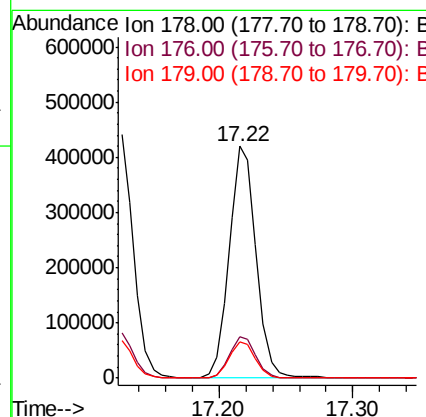
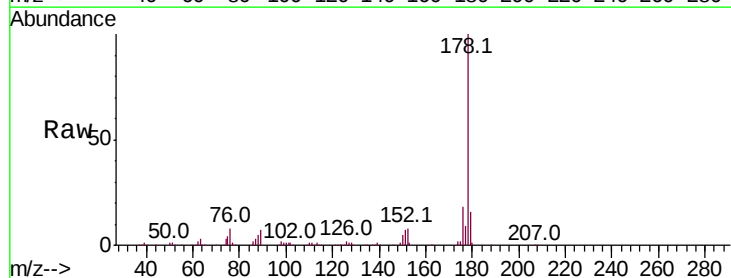
Manual Integrations  
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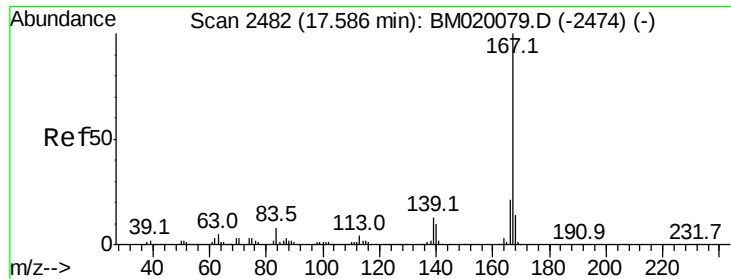
Sohil  
5/24/2019 5:01:37 PM



#72  
Anthracene  
Concen: 36.201 ng  
RT: 17.22 min Scan# 2419  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.0  | 14.6  | 22.0  |
| 179     | 15.7  | 12.4  | 18.6  |





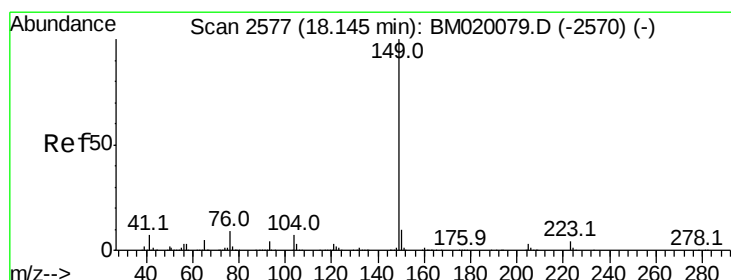
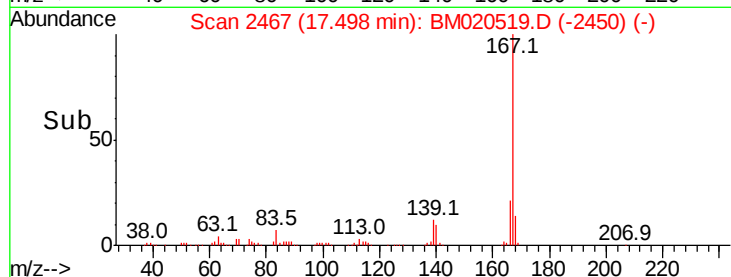
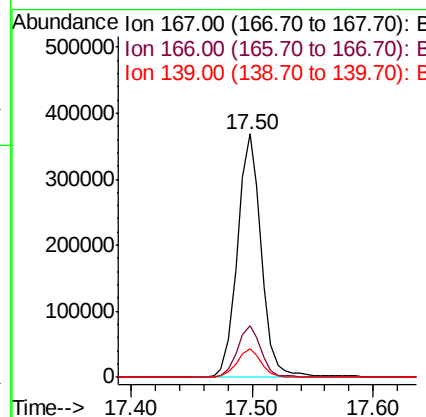
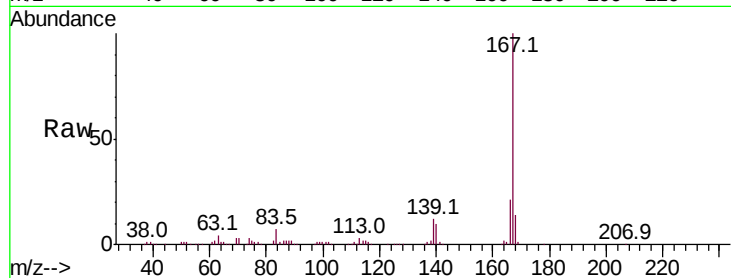
#73  
 Carbazole  
 Concen: 34.891 ng  
 RT: 17.50 min Scan# 2467  
 Delta R.T. 0.00 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.2  | 17.0  | 25.6  |
| 139     | 11.9  | 10.6  | 16.0  |

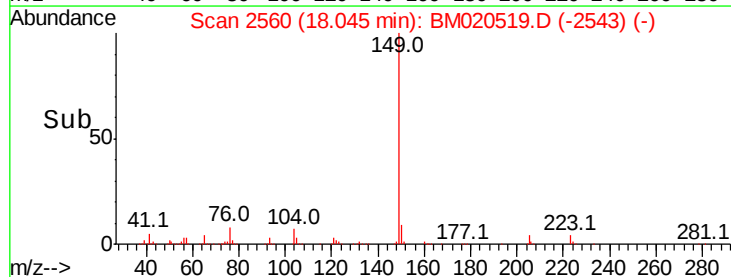
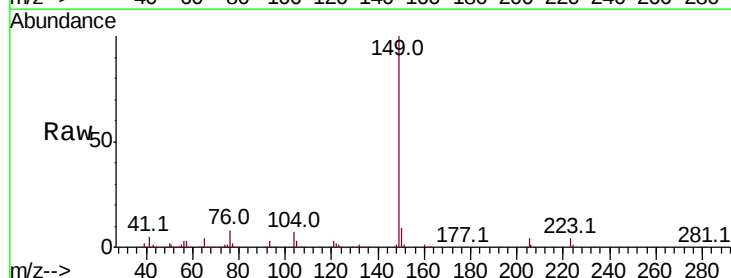
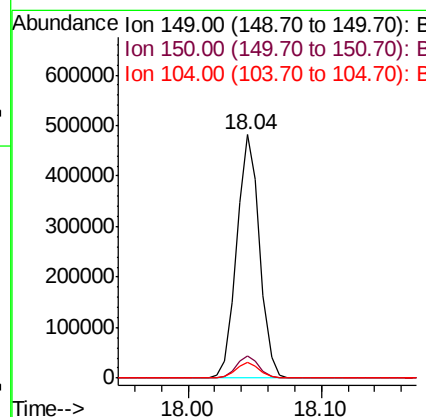
Manual Integrations  
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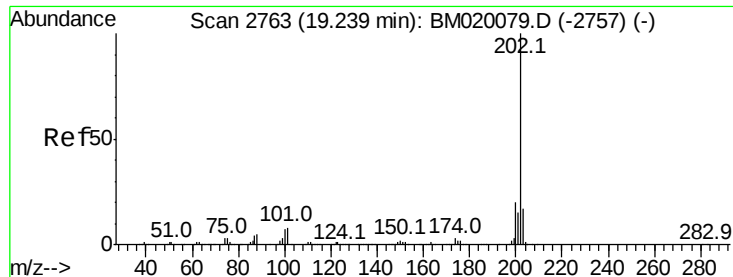
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#74  
 Di-n-butylphthalate  
 Concen: 32.725 ng  
 RT: 18.04 min Scan# 2560  
 Delta R.T. 0.00 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 8.9   | 7.8   | 11.6  |
| 104     | 6.6   | 5.7   | 8.5   |





#75

Fluoranthene

Concen: 36.660 ng

RT: 19.15 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA\_M

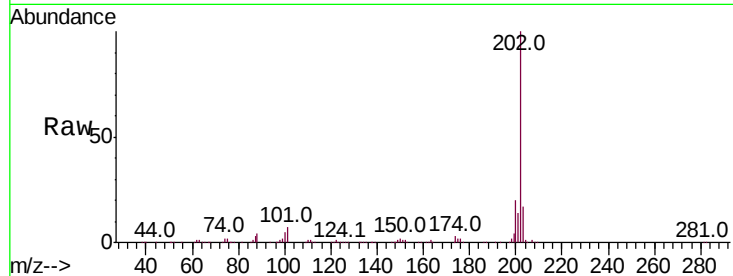
ClientSampleId :

FESB-16(2.4-2.9)MS

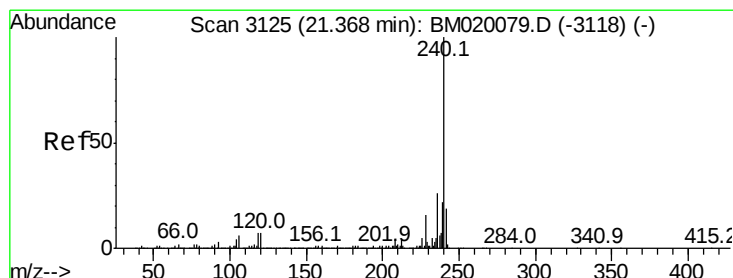
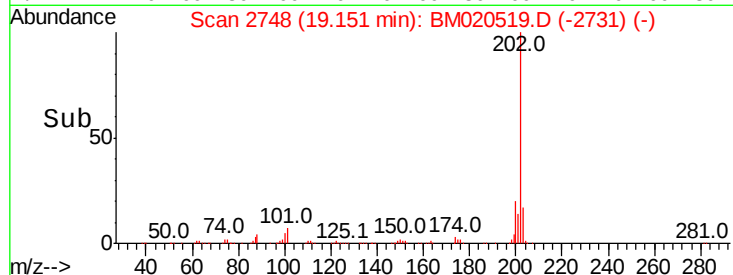
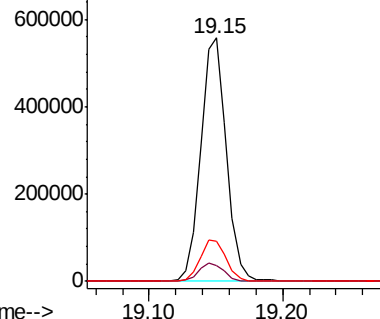
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 750463 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 6.7   | 0.0   | 28.4   |
| 203       | 16.7  | 0.0   | 37.4   |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.28 min Scan# 3110

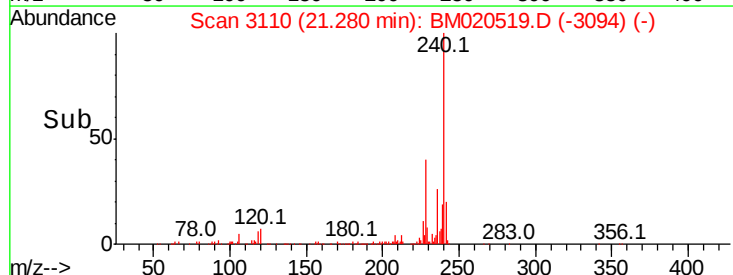
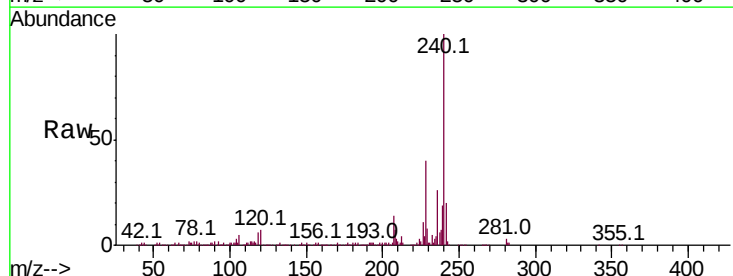
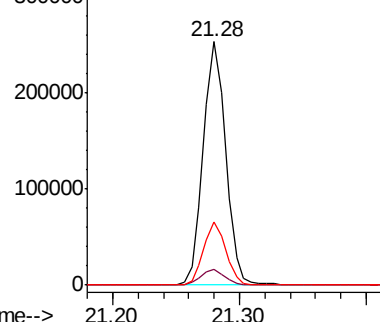
Delta R.T. -0.01 min

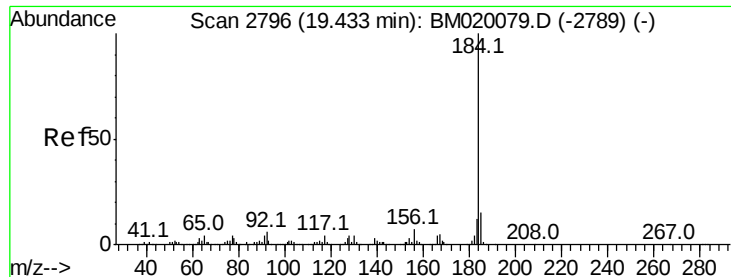
Lab File: BM020519.D

Acq: 23 May 2019 17:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 310297 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 6.5   | 5.6   | 8.4    |
| 236       | 26.1  | 20.9  | 31.3   |

Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.029 ng

RT: 19.35 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA\_M

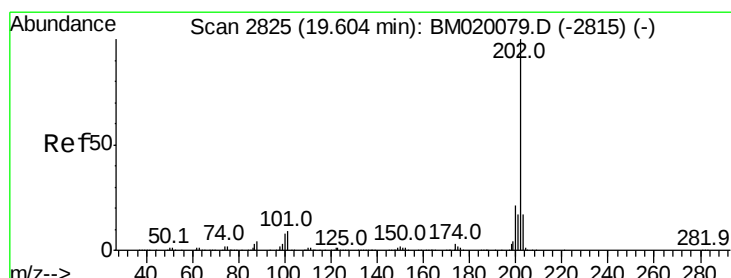
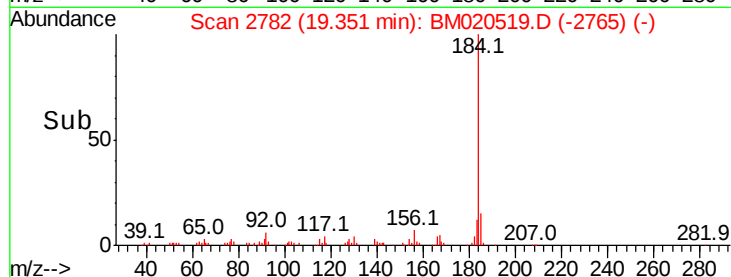
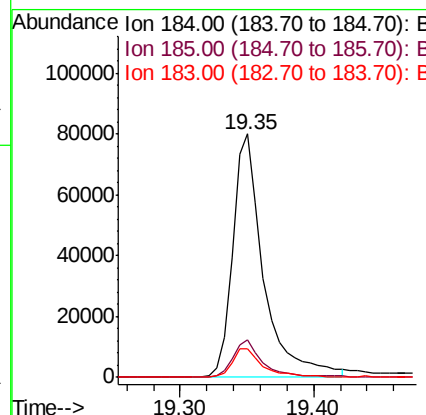
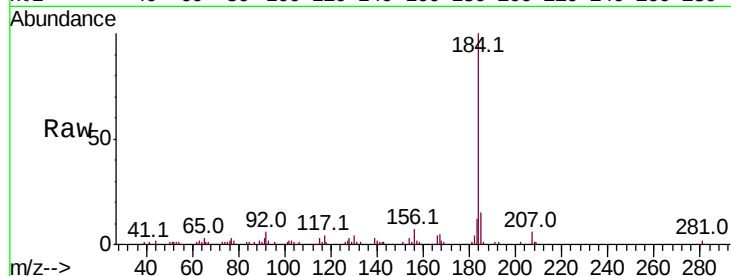
ClientSampleId :

FESB-16(2.4-2.9)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 129257 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.4  | 12.0  | 18.0   |
| 183       | 11.6  | 9.5   | 14.3   |

Manual Integrations  
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#78

Pyrene

Concen: 36.617 ng

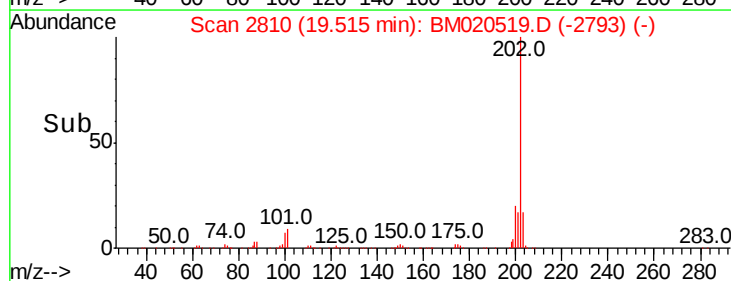
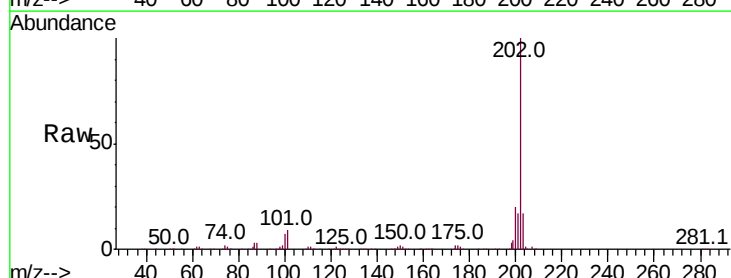
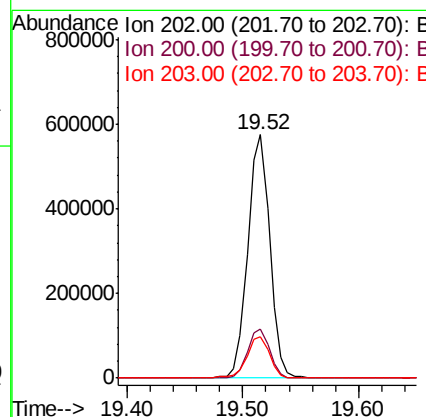
RT: 19.52 min Scan# 2810

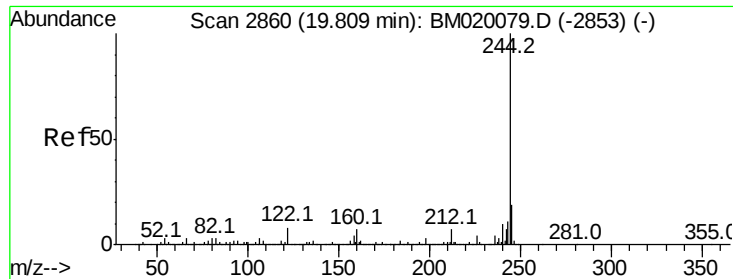
Delta R.T. 0.00 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 762841 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.3  | 16.5  | 24.7   |
| 203       | 17.1  | 13.9  | 20.9   |





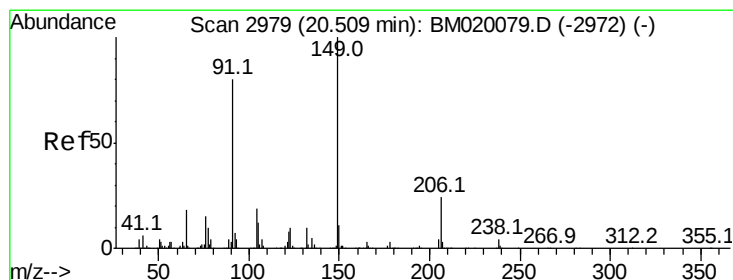
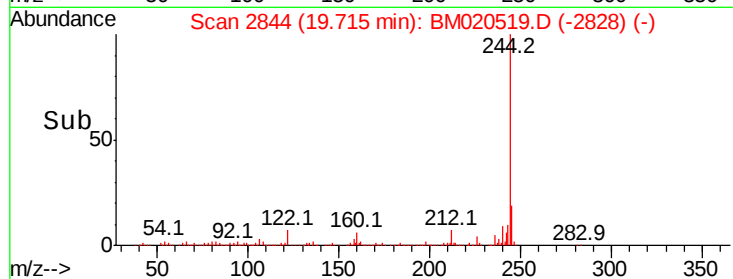
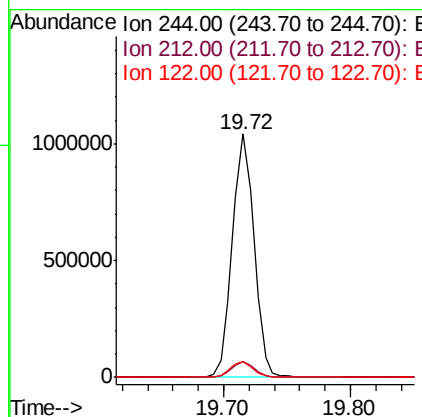
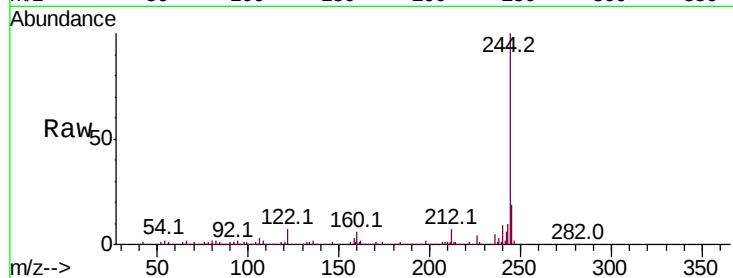
#79  
 Terphenyl-d14  
 Concen: 69.220 ng  
 RT: 19.72 min Scan# 2844  
 Delta R.T. -0.01 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.6   | 5.7   | 8.5   |
| 122     | 6.7   | 6.2   | 9.2   |

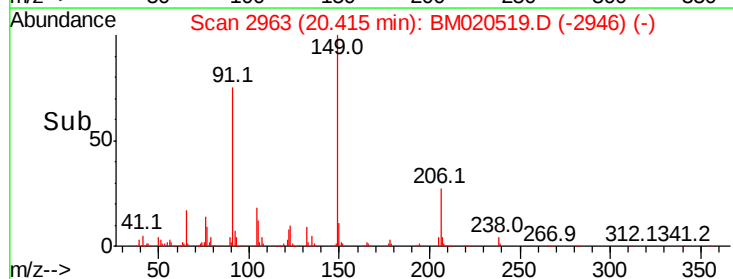
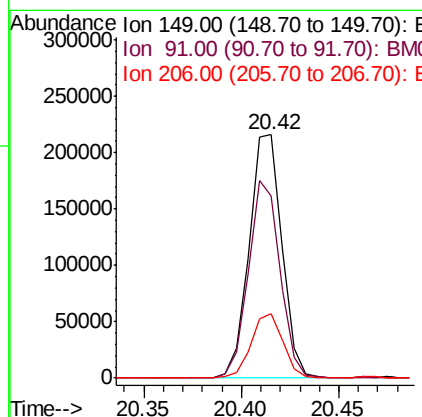
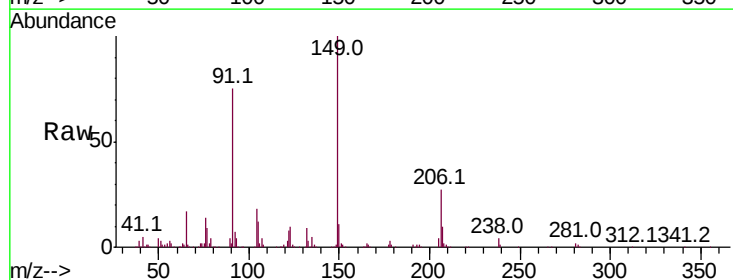
Manual Integrations  
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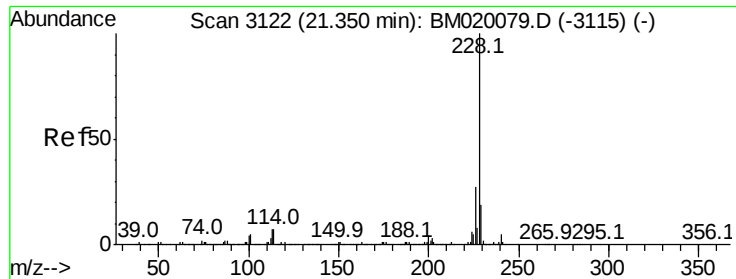
Sohil  
 5/24/2019 5:01:37 PM



#80  
 Butylbenzylphthalate  
 Concen: 33.267 ng  
 RT: 20.42 min Scan# 2963  
 Delta R.T. 0.00 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 74.9  | 63.8  | 95.8  |
| 206     | 26.5  | 18.9  | 28.3  |





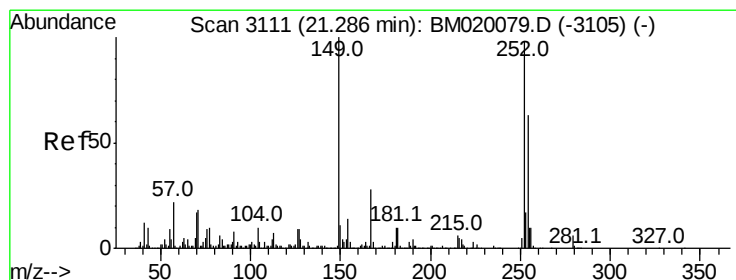
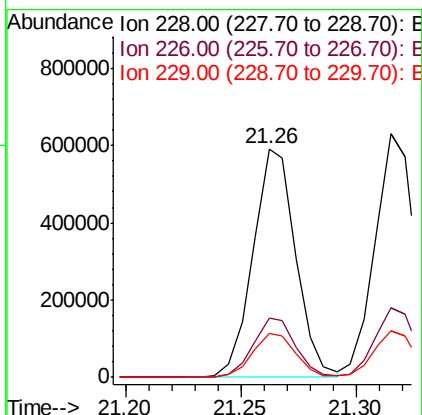
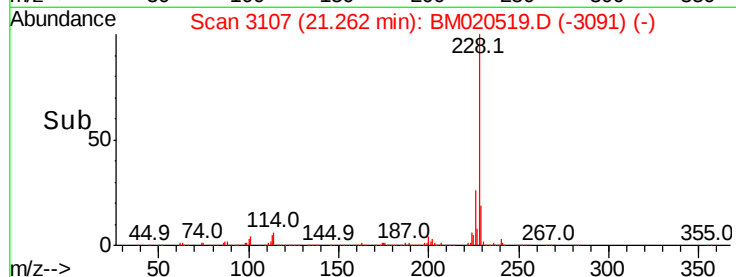
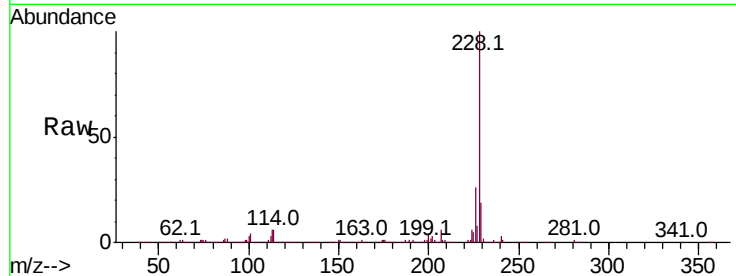
#81  
Benzo(a)anthracene  
Concen: 34.917 ng  
RT: 21.26 min Scan# 3107  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 228     | 100  |       |      |       |       |
| 226     | 26.2 | 21.3  | 31.9 |       |       |
| 229     | 19.4 | 15.5  | 23.3 |       |       |

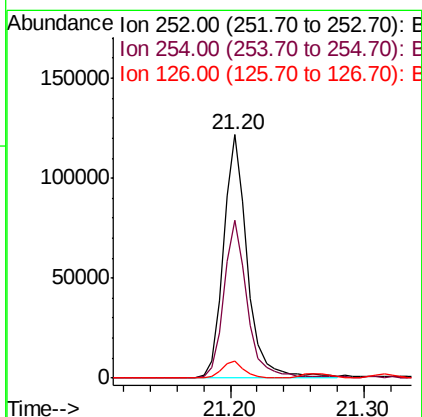
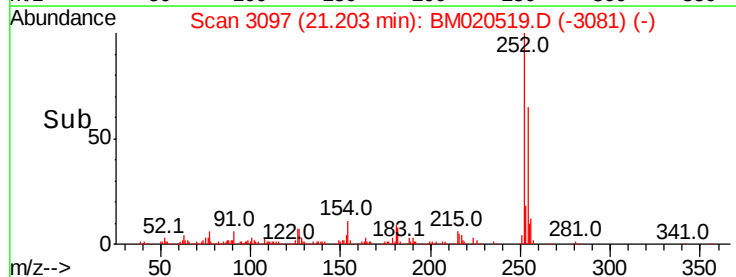
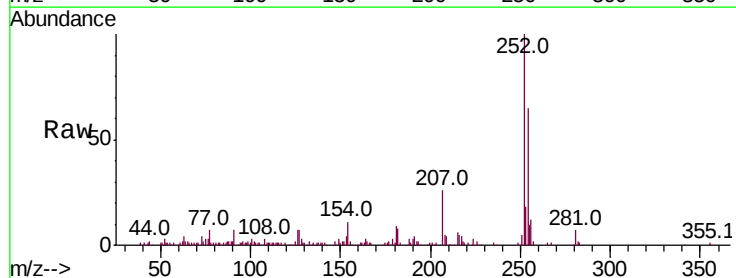
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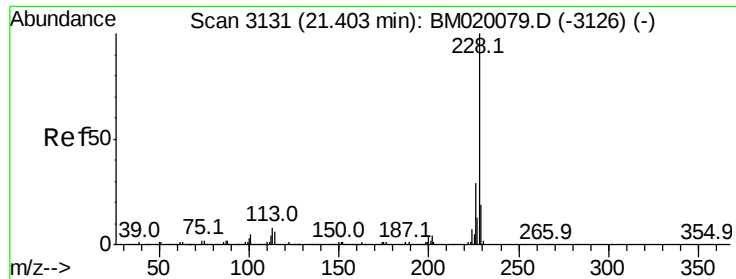
Sohil  
5/24/2019 5:01:37 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 18.476 ng  
RT: 21.20 min Scan# 3097  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 252     | 100  |       |      |       |       |
| 254     | 64.7 | 51.1  | 76.7 |       |       |
| 126     | 7.2  | 7.1   | 10.7 |       |       |





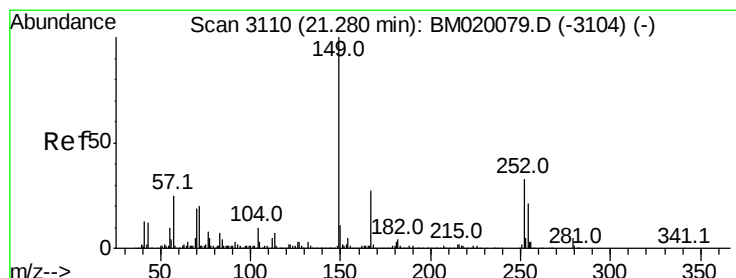
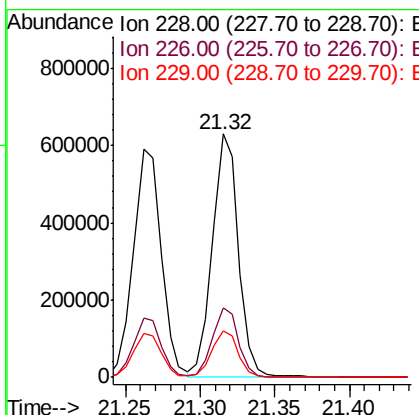
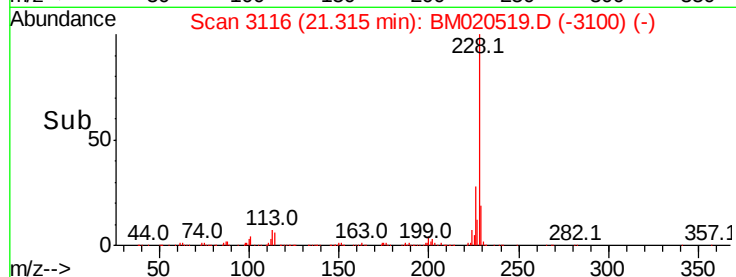
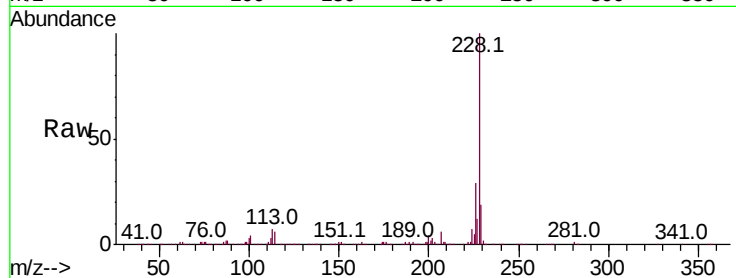
#83  
 Chrysene  
 Concen: 36.367 ng  
 RT: 21.32 min Scan# 3116  
 Delta R.T. -0.01 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.5  | 23.0  | 34.6  |
| 229     | 19.3  | 15.5  | 23.3  |

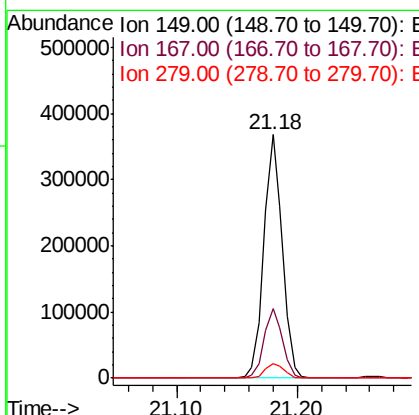
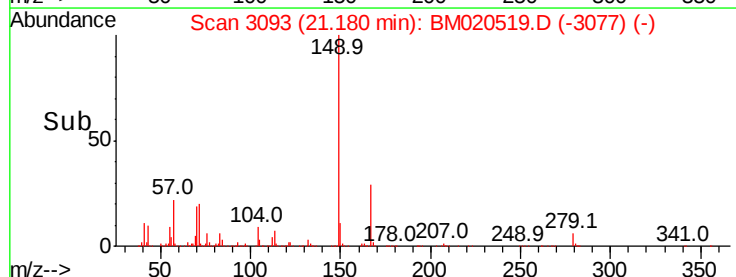
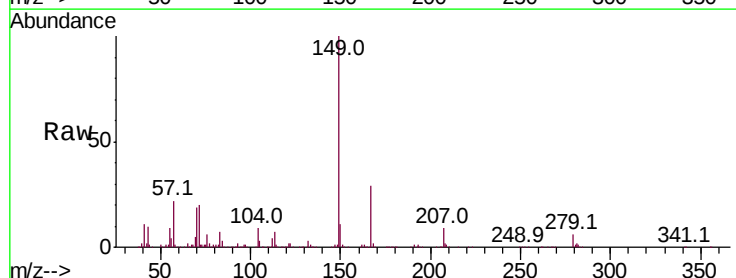
Manual Integrations  
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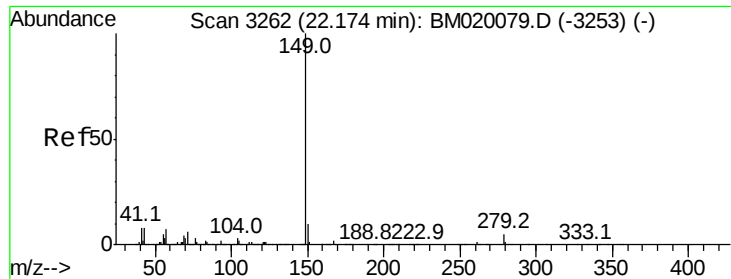
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 32.915 ng  
 RT: 21.18 min Scan# 3093  
 Delta R.T. -0.01 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.7  | 21.8  | 32.8  |
| 279     | 5.8   | 4.2   | 6.2   |





#85

Di-n-octyl phthalate

Concen: 34.870 ng

RT: 22.06 min Scan# 3243

Delta R.T. -0.01 min

Lab File: BM020519.D

Acq: 23 May 2019 17:08

Instrument :

BNA\_M

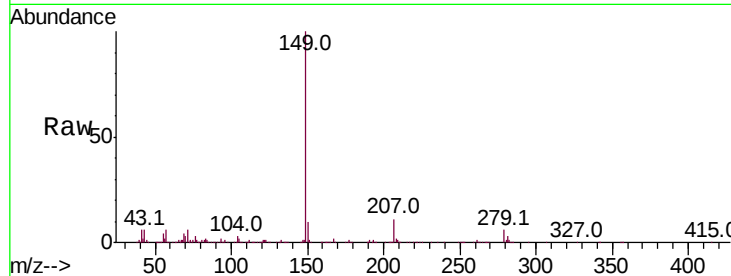
ClientSampleId :

FESB-16(2.4-2.9)MS

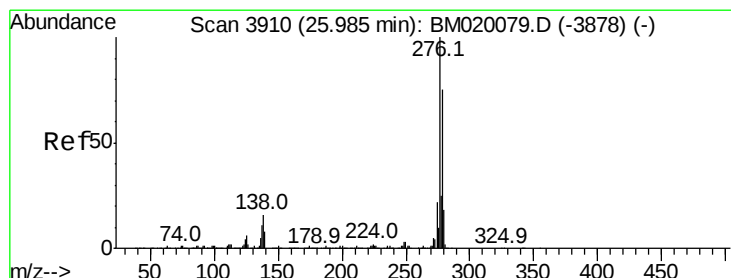
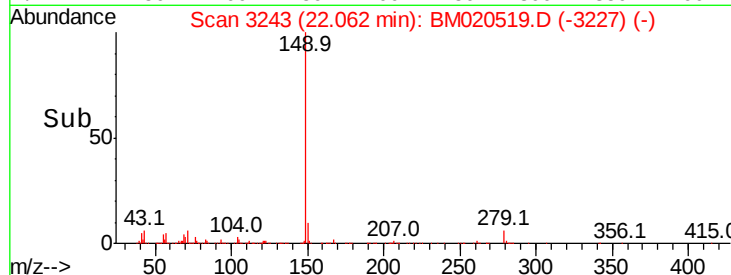
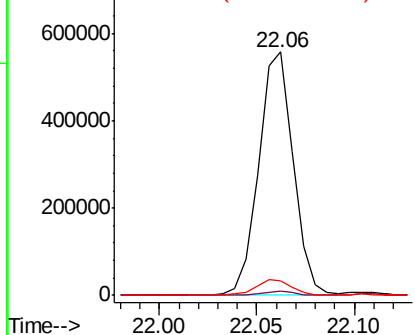
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 681332 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.3   | 1.9    |
| 43        | 6.4   | 6.5   | 9.7#   |

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5/24/2019 5:01:37 PM



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.724 ng

RT: 25.81 min Scan# 3880

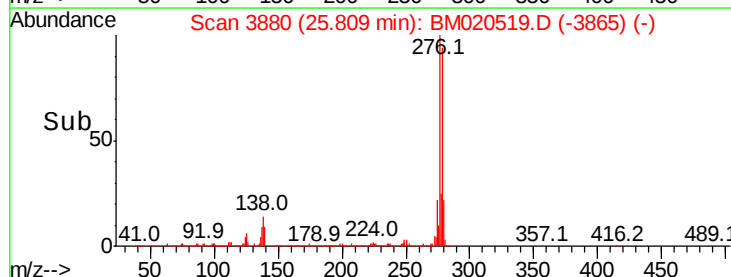
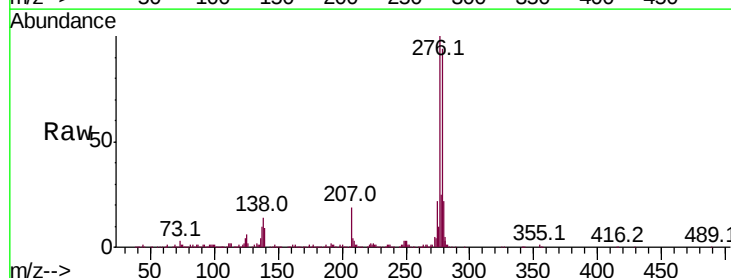
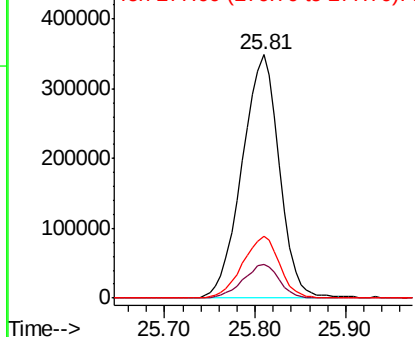
Delta R.T. -0.01 min

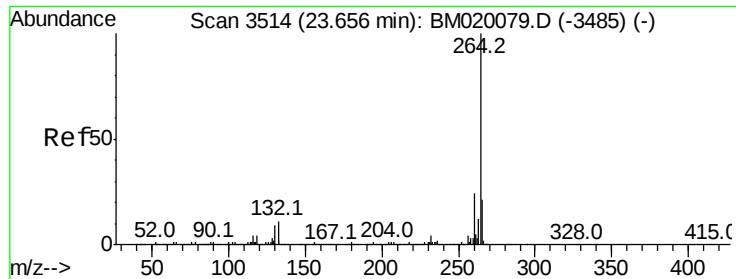
Lab File: BM020519.D

Acq: 23 May 2019 17:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 997207 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 13.5  | 0.0   | 0.0#   |
| 277       | 25.3  | 0.0   | 0.0#   |

Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





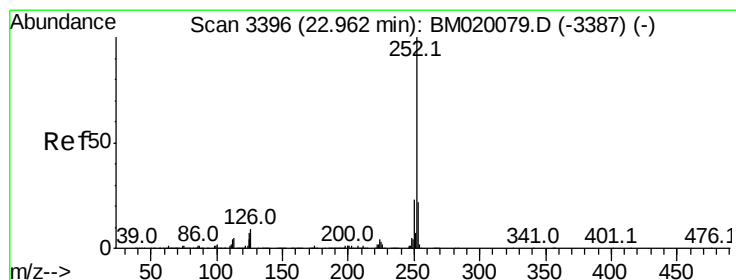
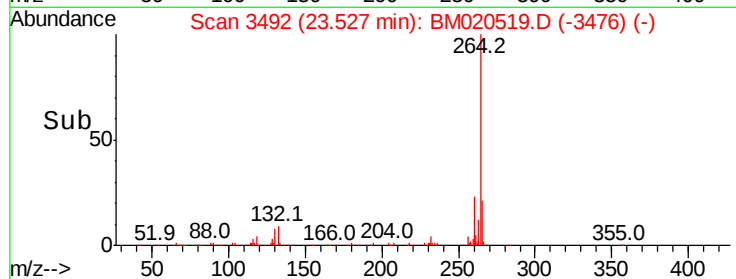
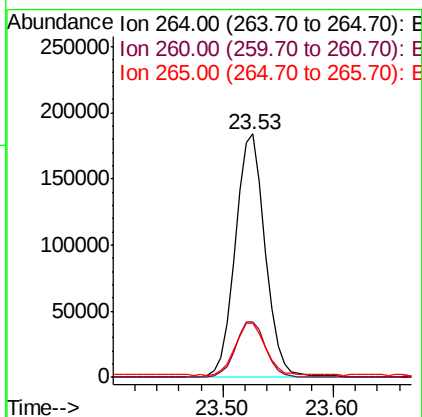
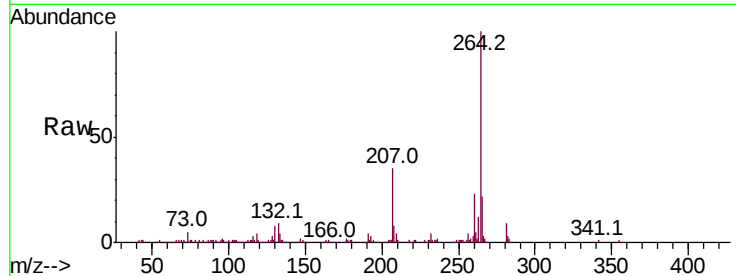
#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 23.53 min Scan# 3492  
 Delta R.T. -0.01 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FESB-16(2.4-2.9)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 350826 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.0  | 19.2  | 28.8   |
| 265       | 22.1  | 16.9  | 25.3   |

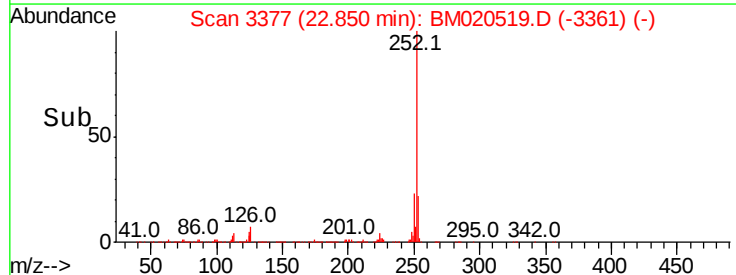
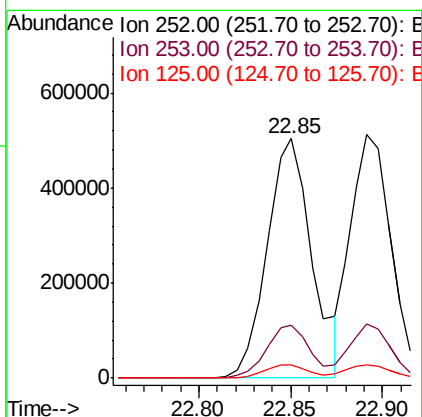
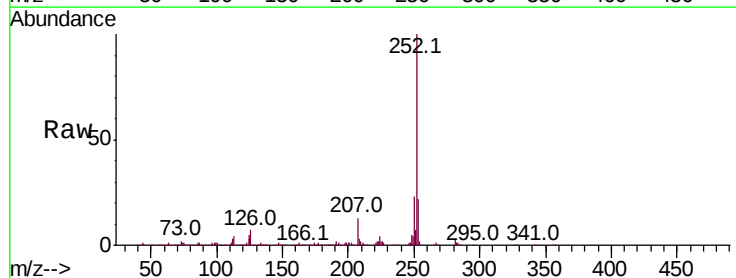
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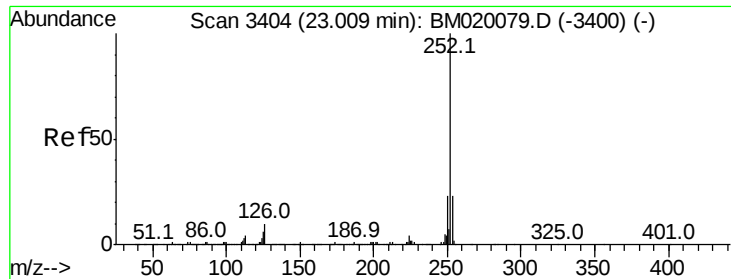
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#88  
 Benzo(b)fluoranthene  
 Concen: 36.721 ng m  
 RT: 22.85 min Scan# 3377  
 Delta R.T. -0.01 min  
 Lab File: BM020519.D  
 Acq: 23 May 2019 17:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 850714 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.2  | 17.5  | 26.3   |
| 125       | 5.4   | 5.4   | 8.2#   |





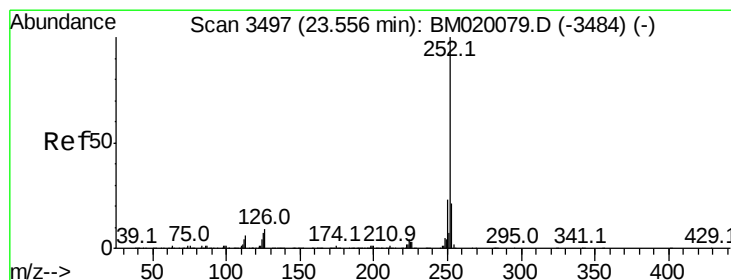
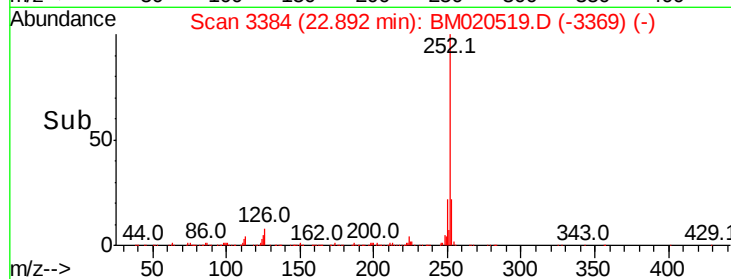
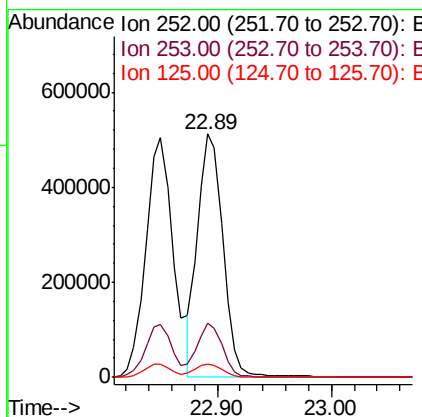
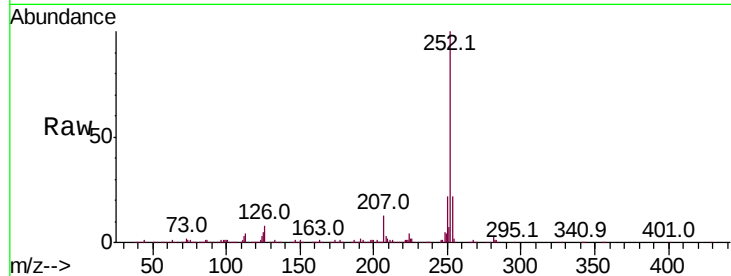
#89  
Benzo(k)fluoranthene  
Concen: 37.469 ng m  
RT: 22.89 min Scan# 3384  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.8  | 26.8  |
| 125     | 5.3   | 5.4   | 8.0   |

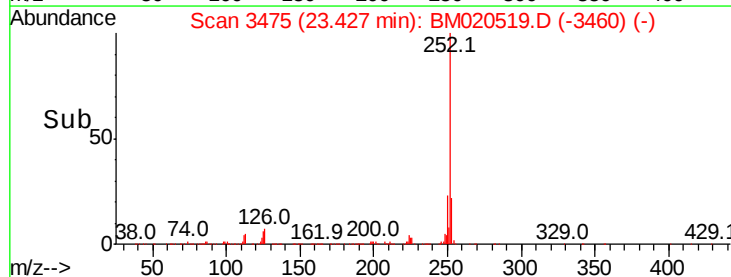
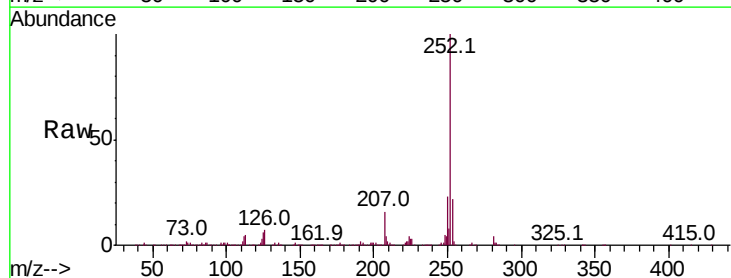
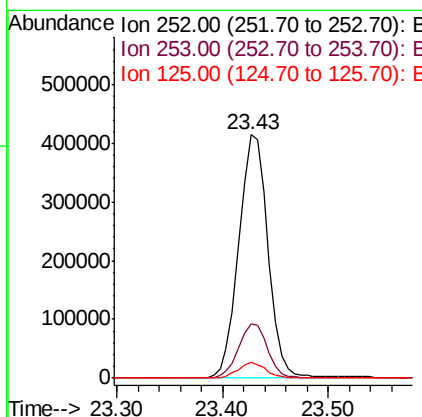
Manual Integrations  
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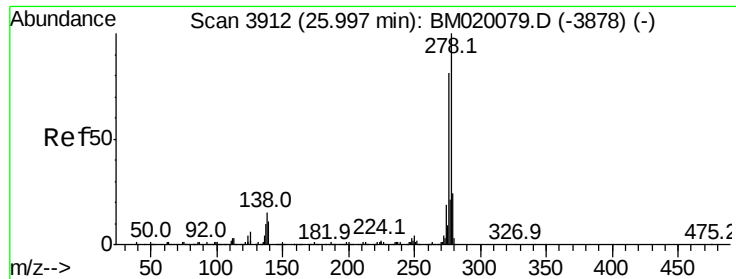
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5/24/2019 5:01:37 PM



#90  
Benzo(a)pyrene  
Concen: 37.688 ng  
RT: 23.43 min Scan# 3475  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.0  | 25.6  |
| 125     | 6.3   | 5.5   | 8.3   |





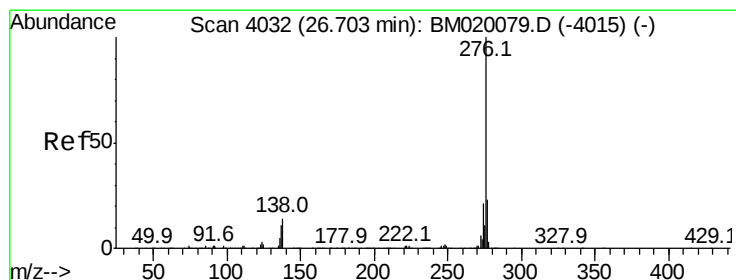
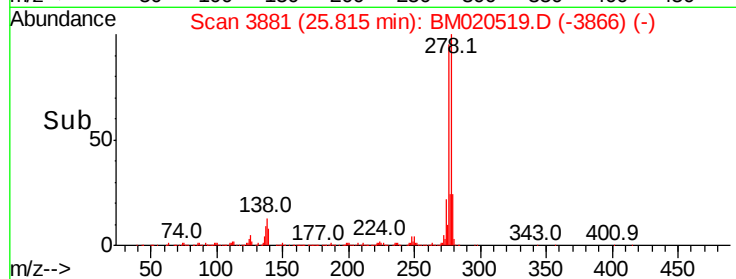
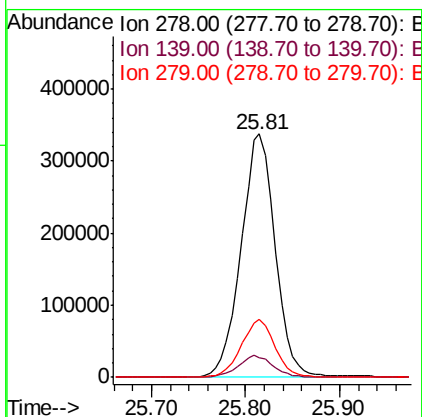
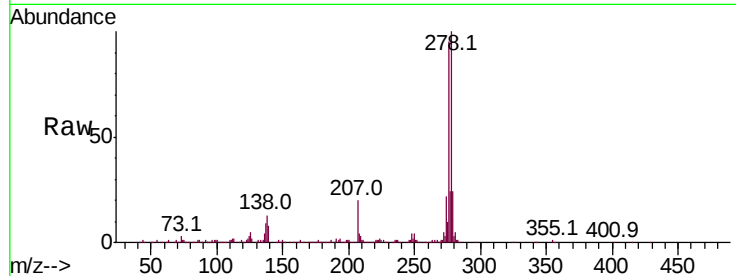
#91  
Dibenzo(a,h)anthracene  
Concen: 38.849 ng  
RT: 25.81 min Scan# 3881  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

Instrument :  
BNA\_M  
ClientSampleId :  
FESB-16(2.4-2.9)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 7.8   | 8.6   | 13.0# |
| 279     | 23.8  | 18.8  | 28.2  |

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5/24/2019 5:01:37 PM



#92  
Benzo(g,h,i)perylene  
Concen: 40.050 ng  
RT: 26.51 min Scan# 3999  
Delta R.T. -0.01 min  
Lab File: BM020519.D  
Acq: 23 May 2019 17:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 18.4  | 27.6  |
| 138     | 11.3  | 11.1  | 16.7  |

